

MARIST COLLEGE

catalog 74/75

MARIST COLLEGE

POUGHKEEPSIE, N.Y. 12601

A Liberal Arts College for Men and Women

Programs for the Year 1974-1975

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April	7-11	Monday-Friday	Advisement and registration for Fall 1975. Approval for Special Topics courses or Non-scheduled courses must be obtained during this week.
May	9	Friday	Spring semester ends.
	12	Monday	Senior final grades are due.
	17	Saturday	Twenty-ninth Commencement
	19	Monday	Final grades are due.
June	13	Friday	Deadline for Incompletes and grade changes for Spring 1975
	25	Wednesday	Freshman registration

Evening Summer Session

1975			
April	14-17	Monday-Thursday	Summer 1975 registration
June	5	Thursday	Summer 1975 registration, 6 to 9 P.M.
	9	Monday	Evening classes begin. Classes meet every Monday and Wednesday or Tuesday and Thursday.
	16	Monday	Last date to drop a course and receive full tuition refund.
	23	Monday	Last date to drop a course with 1/2 tuition refund.
July	7	Monday	Last date for reporting Pass-No Credit option and for dropping courses without penalty of failure.
	30-31	Wednesday-Thursday	Semester examinations given in regular class hours.
	31	Thursday	Summer session ends

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INTRODUCTION TO MARIST

A small liberal arts college for men and women, Marist is located on the Hudson River in Poughkeepsie, New York, midway between New York City and Albany. Its modern 100-acre campus comfortably accommodates 1600 full-time undergraduate students. The College has no plans to expand its undergraduate enrollment, but it does expect to develop a graduate body of 300 students by the mid-1970s. Graduate programs in Business Administration and Community Psychology were introduced in Fall, 1972.

Marist awards Bachelor of Arts degrees in fifteen majors and Bachelor of Science degrees in four majors. In Fall, 1973, five new majors were introduced—accounting, Russian, solid state physics, criminal justice and communication arts.

In 1973, Marist inaugurated a three-year degree program designed to accommodate high school graduates who show promise for accelerated college study. The College also began a cooperative program with Our Lady of Lourdes High School, Poughkeepsie, which permits Lourdes seniors to undertake freshman college courses.

A strong working relationship between students and faculty is an important aspect of the learning process at Marist. Students also have the benefit of a flexible curriculum based on a faculty advisory program. A flexible curriculum, such as that offered by Marist, leads to many opportunities for graduate study and professional work. Because of these factors, Marist students can design individual programs to guide their personal development while on campus and to provide for their long-range goals.

In addition to classroom instruction, Marist students learn in seminar settings, internship and work-study programs, travel and study abroad and by cross-registration at nine mid-Hudson area colleges. Many academic programs receive support from the College's Audio Visual and Television Center and Computer Center. The College library has a growing permanent collection of 80,000 volumes, as well as 953 professional, cultural, and educational serials and a variety of audio visual materials.

Campus life encompasses a wide range of interests and talents. The student-administered College Union Board annually presents a full schedule of films, concerts and social activity. Through the Inter-House Council on-campus students serve in an advisory capacity to the Director of Residence. Similarly, the Student Government represents the student body and serves as a decision-making group. Special interest organizations generate activity in many areas, including drama, publications, music and volunteer programs. Numerous intramural and varsity sports are offered, as well as sailing and crew on the Hudson River.

As part of Marist's commitment to higher education, the College has become involved in the community-at-large. Its community programming has been guided by the needs for continuing education and educational opportunity. Under the umbrella of Special College Programs, Marist administers four programs designed to assist the educationally and economically disadvantaged. In 1960, Marist introduced evening classes to accommodate Poughkeepsie area residents; the graduate programs were developed for those wishing to pursue study on a local basis.

Marist College supports the principle of equal opportunity. Applications are accepted and reviewed without regard to race, color, creed, sex or national origin.

HISTORY

Founded by the Marist Brothers in 1929 to educate members of the order, Marist College achieved four-year status as a liberal arts institution in 1946 and received its permanent charter from the State of New York in 1950. In September, 1957, Marist began its break with the past by accepting 12 lay students. In the past few years, the freshman class has numbered close to 400 men and women. Such rapid increase in numbers has been made possible only by a ten-year building program that has resulted in a campus presently worth over \$12,000,000.

During the decade of 1960-1970, ownership of all land and buildings was gradually transferred from the Marist Brothers to the Marist College educational corporation. An independent Board of Trustees now supervises these assets and provides direction and control of the operation of Marist College.

Although its expansion has been rapid, the Board of Trustees expects to limit the size of Marist to about 1600 full-time undergraduate students. The Trustees feel this size is sufficient to maintain the extensive liberal arts program, yet retain the many virtues of a small college.

A major development in Marist's academic programming was the introduction of two graduate programs in Fall, 1972. Marist offers a Master of Business Administration degree and a Master of Arts in community psychology.

LOCATION

Located one mile north of Poughkeepsie, New York, Marist College is situated on the Hudson River along Route 9, the major north-south route east of the Hudson. The College is within two hours' ride from New York City by railroad, bus or car. The Poughkeepsie station of the Penn-Central Railroad is less than five minutes' drive from Marist, and the Dutchess County Airport is located in nearby Wappingers Falls.

CAMPUS

Marist's 100 acre campus contains 15 buildings, including five residence halls, a major classroom building, library facilities, the student union and a chapel. In addition, the campus offers an outdoor swimming pool, which can be converted to a skating rink, a boat house and waterfront facilities for sailing and crew activities. There are athletic fields, and handball and basketball courts to support the intramural sports program. Leonidoff Field, in operation since the Fall of 1968, is used for varsity soccer and club football games.

LIBRARY

Marist College is a member of the Southeastern (New York) Library Resources Council and through the Council shares many resources with public, college, and industrial libraries, which supplement the 80,000 volumes and 953 professional, cultural, and educational serials that are already a part of the College's growing permanent collection. The New York State Interlibrary Loan program for books and periodicals has been in use for several years. Through this program, teachers and students can make use of library resources throughout New York State.

With the help of a government grant, an Audio Visual Materials Center has been established in the library. Here the faculty and students can secure phonograph records, maps, tapes, art slides, moving pictures and related material. The library also has microfilm readers, a microfilm reader-printer and photo copying facilities. Seventy periodicals and newspapers, including The New York Times, are available on microfilm.

LANGUAGE LABORATORIES

Marist's two language laboratories are used both for group work and individual study. Text and tapes are available for basic courses in French, German, Italian, Russian, Spanish, as well as English for foreign students. The use of the laboratory is required of all students registered in the basic language courses. However, the facilities are available to all students. Arrangements are available for Hudson Valley area residents to use the laboratory.

AUDIO VISUAL AND TELEVISION CENTER

In operation since 1969, the Audio Visual and Television Center is equipped with recording studio equipment and playback apparatus. Facilities for recording educational television off the air are available. Studio apparatus, including cameras and records, are employed in pre-

paring material to be used in the classroom. Audio visual equipment is available to those who wish to experiment with the media. Portable apparatus is available for use outside of the studio. Arrangements for use of the facilities can be made with the director. The facility is also utilized in the preparation of video tapes for classroom instruction, and is the origination point of all closed-circuit broadcasting.

COMPUTER CENTER

The Computer Center is available to faculty and students during regular class hours and at other times upon request. Time is reserved upon application to anyone who is familiar with the operations of the facility. Long periods of uninterrupted use for research usually are scheduled after regular hours.

An IBM 1401 is used for administrative and instructional purposes. Through the addition of IBM 2741 communications terminals, the processing power of a large computer is now available. Key punch consoles are available at all times for use by students and faculty. If students prefer they may leave programs and data cards at a receiving window for the computer staff to process. These are processed daily. Fortran, Cobol, APL, Coursewriter and Audocoder languages are used.

EVENING CLASSES

Courses are offered in the evenings during the fall and spring terms, as well as during the summer. While evening courses are specially scheduled for students pursuing a degree on a part-time basis, they are also available to full-time students. Students following courses in the evenings and during summers may complete the requirements for the bachelor of arts degree with a major in English, history, mathematics and physics and the bachelor of science degree in business. Students fully matriculated at other colleges frequently register for summer evening courses in order to accelerate their programs or to make up deficiencies. In either case, the permission of the home institution is required.

MEMBERSHIP AND APPROVAL

Marist College is chartered by the Board of Regents of the University of the State of New York and is accredited by the State Department of Education and by the Middle States Association of Colleges and Universities. The College is also accredited by the United States Department of Justice for the training of foreign students. It has the approval of the State Approval Agency for Veterans' Education. The College is also approved for holders of New York State Scholarships, including Re-

gents Scholarships, State War Service Scholarships, and Scholar Incentive Awards.

The College holds memberships in the Association of Colleges and Universities of the State of New York, the Commission on Independent Colleges and Universities, the American Association of Colleges for Teacher Education, and the Association of American Colleges. Marist is a charter member of the Associated Colleges of the Mid-Hudson Area (ACMHA) and a charter member of the Visiting Student Program sponsored by the Associated Colleges and Universities of the State of New York. Marist is also a member of the American Association of University Women, the Middle Atlantic Association for Colleges of Business Administration and the American Chemical Society.

CAMPUS LIFE

Student activities at Marist reflect the College's primary objective: to encourage each student in the full development of his or her intellectual, spiritual, social and physical capabilities. Membership in any campus organization is open to all Marist students who maintain a satisfactory academic record.

STUDENT GOVERNMENT

Student representation in decision-making has been a tradition at Marist. Through the student government the student body is afforded a role in both administrative and academic policy-making. Working closely with other student organizations, the Student Government disseminates information concerning vital issues to the student body and provides leadership in student affairs.

Among the organizations which are directly under the control of the Student Government are the Student Academic Committee, the Food Committee, yearbook, the student newspaper, and all clubs and student-related organizations.

By cooperating with these groups, the Student Government is able to acquire an overall view of the day to day occurrences at Marist, and is, therefore, in a position to provide a broad perspective of Marist College. By opening the membership of these organizations to students of each class year, the Student Government can satisfy needs of the general student body.

INTER-HOUSE COUNCIL

The Inter-House Council is an elected body comprised of resident students from each residence hall, faculty members and administrators; it acts as an advisory board to the Director of Residence.

HOUSE COUNCIL

Each residence hall has an elected House Council, similar in concept to the Inter-House Council, which deals with matters pertaining to the respective houses.

FREE UNIVERSITY

The residence halls, under the coordination of Gregory House, sponsor a Free University each semester. It is totally coordinated by interested students. The Free University provides curriculum offerings which are not found in the formal curriculum. The Free University also sponsors a series of interest-group workshops, a lecture series and publishes the Literary and Academic Quarterly.

COMMUTER UNION

The Commuter Union is an active organization of Marist commuters. It serves as a representative body, as well as a source of information. Membership is open to all commuters who want to become actively involved on campus.

PUBLICATIONS

Passport: student handbook

The Reynard: Marist College yearbook

The Circle: weekly campus newspaper

Mosaic: literary quarterly

The Marist Journal of History: published by the Mu Zeta Chapter of Phi Alpha Theta

UPWARD BOUND PROGRAM

Established at the College in 1966 and partially funded by a grant from the U.S. Office of Education, the Upward Bound Program enrolls 11th and 12th grade students from Dutchess and Ulster counties. These students have intellectual or artistic ability, but have not achieved academically because of cultural or economic reasons. Upward Bound students are in residence at Marist College for six weeks during two summers and are then placed in colleges throughout the country.

Marist faculty members and undergraduates participate in the program as teachers and tutor-counselors, respectively. Upward Bound students also meet regularly on the campus during the academic year as follow-up to the summer sessions. The program is operated in conjunction with Bennett College, where 10th grade students are in residence.

RELIGIOUS ACTIVITIES

Marist provides a program of religious activities designed to meet the needs of the individual student, of student groups and the college community as a whole. Religious counseling is available for students of various persuasions.

ATHLETICS

Marist's spacious campus, its modern boathouse, and its location on the banks of the Hudson River provide advantages for a full athletic program.

The College offers a broad program of intercollegiate varsity sports, including crew, soccer, lacrosse, basketball, wrestling, cross-country, sailing, track, tennis, golf and intercollegiate club football. The intramural program offers a variety of activities including handball, basketball, bowling, golf, softball, touch football, wrestling, cross-country, track, soccer and sailing.

Throughout all levels of the program of physical education and athletics, the College emphasizes the physical, recreational and social values to be gained through active participation. With these educational values in mind, the College fosters a program that encourages as broad a student participation as possible in the physical education program and in intercollegiate and intramural sports.

GENERAL ACADEMIC INFORMATION

REGISTRATION

To encourage students to plan their programs in advance and to allow for a certain degree of course adjustment, Marist has an early registration period. For the exact date of registration, see the Academic Calendar in this catalog.

Approved changes in registration must be effected within the dates specified by the Academic Calendar. Changes in registration initiated by the student are subject to the change-of-program fee.

COURSE WITHDRAWAL AND COURSE CHANGES

The official forms provided by the Registrar's Office are required for changing courses or withdrawing from a course.

A student may change courses or a section of a course only during the first week of classes. If a student withdraws from a course during the first six weeks of the semester, the course is recorded on his permanent record with the notation "W" (withdrew).

If a student withdraws from a course after the first six weeks of a semester, the course is recorded on his permanent record with the grade "WF" (failure).

WITHDRAWAL FROM THE COLLEGE

A student who withdraws from Marist must submit a letter of withdrawal to the Associate Dean for Student Academic Affairs of the College. In the absence of this letter, no statement of honorable withdrawal will be issued by the College.

TRANSCRIPT OF RECORD

An official transcript is one bearing the seal of the college and signed by the Registrar. Official transcripts of academic records are not given to students or graduates but will be sent directly to the college, professional school, government agency or business concern named by them.

To obtain a transcript a student or graduate should apply to the office of the Registrar. A fee of \$1.00 is charged for each transcript issued. No transcripts will be issued during the periods of registration, examinations or commencement.

ATTENDANCE

A college student's most meaningful experiences are achieved through the thoughtful considerations and discussions provoked by classroom lectures. Therefore, regular class attendance is a primary responsibility for all students. Failure to participate fully in classroom activity will result in a loss for the student. Absences from class for whatever reasons or duration do not free the student from the responsibility for the full content of the course and for all class assignments.

Responsible attendance requires communication between a student and a professor. This communication normally takes place in the classroom. When a student concludes that his physical presence is not required by the nature of the classroom activity and/or he has discovered a means for making progress within the scope of the course which equals or exceeds the chances offered by classroom presence, he should find frequent occasions for meeting his professor to offer evidence of his progress.

FACULTY ADVISERS

Each student is offered the opportunity to plan his college program of studies with the assistance of a faculty member. A student's faculty adviser becomes the contact person for future recommendations which may be requested for the student by graduate schools, industry, etc.

New students (freshmen and transfer students) are assigned faculty advisers by the Associate Dean for Student Academic Affairs. If at any time a student decides to change his faculty adviser, he must report to the Associate Dean's office to have the change properly recorded.

GRADING SYSTEM

A student receives both mid-term grades and final grades. However, only the final grades will appear on his academic record.

Grading is an objective measure of a student's mastery of a selected body of knowledge contained in a specific course. This mastery involves the elements of memory, understanding, and expression. Memory refers to retention of certain items of information. Understanding implies insight into the interpretation of these facts. This insight would include the meaning of the thing itself, its relationship with other things or data, and the ability to apply this information or data to new situations and problems. Expression is the ability to convey the assimilated knowledge to others.

In assigning a grade to a student, the instructor must function as in a courtroom: examine thoroughly all the evidence involved in the case, weight the evidence and make his decision on the basis of this evidence. In a similar way, the basis of the instructor's judgment is the concrete evidence the student himself provides. Formal examinations are only part of this evidence; questions asked by the student, recitations, term papers, book reports, written and oral quizzes, the student's participation in class discussion—each sheds light on the student's development in mastering a subject and is therefore pertinent to the instructor's grade evaluation of the student.

The following, viewed in the light of the preceding statement, is the grading system:

C

To earn a C grade a student must be able to recall the basic elements of a course, understand the essential background and materials of a course, make application of the basic principles involved and express them intelligibly.

D

A student who is deficient in some degree in any of these areas will earn only a D.

B

To earn a B grade a student must manifest all the qualities characteristic of a C student and in addition reveal a memory that encompasses more than the basic elements of a course; he has a more personal grasp of the principles of the course and perceives wider application of the principles. He can discuss the subject matter of the course with ease.

The grades of B+, C+ and D+ are used to indicate that a student has shown more than the usual competency required for that grade.

A

An A student is one who, in addition to all the qualities manifested by a B student, seeks mastery of a special field by reason of his interest; he has initiative and originality in attacking and solving problems; he shows ability in rethinking problems and making associations and in adapting himself to new and changing situations; moreover, he has an appropriate vocabulary at his command.

I

The temporary grade of I(Incomplete) may be given by an instructor when a student has not completed the requirements of the course at the end of the term for serious reasons beyond his control. It becomes the student's responsibility to resolve this grade within three weeks of the publication of final grades by completing to conform to this time limit results in a final grade of F. course requirement The grade of I is not assigned in a case where failure to complete course requirements on time is due to student delinquency.

The student must contact his instructor not later than 24 hours after the time set aside for the final examination in his course to request the grade of Incomplete. His request should include the verification of "the serious reasons beyond his control" which have prevented him from completing the requirements for the course.

W

This grade is assigned to a student who officially withdraws from a course during the first six weeks of a semester (see Academic Calendar for specific dates). Withdrawal after this period results in a grade of F.

Exceptions may be made by the Associate Dean for Student Academic Affairs when circumstances warrant it.

F

The student has failed to show his mastery of the basic subject matter of the course.

NC (No credit)

This grade is received by a student who does not meet minimum course requirements in either of the following circumstances:

(1) He is exercising the pass-no credit option as described below

or

(2) Approval of the Academic Dean has been obtained by the course instructor to grade students in a particular course on this basis.

A student's cumulative index is in no way influenced by this grade.

P (pass)

This grade is awarded to a student who satisfactorily completes course requirements in either of the following circumstances:

(1) He is exercising the pass-no credit option as described below

or

(2) Approval of the Academic Dean has been obtained by the course instructor to grade students in a particular course on this basis.

The grade P entitles a student to credit for the course, but does not affect his cumulative index.

Pass-No Credit Option

A student may elect to pursue, on a pass-no credit basis, courses which are not being used to satisfy major field requirements. This option may be exercised for no more than one course each semester, and is subject to the instructor's approval. The student's request to exercise this option must be made within the first six weeks of the semester.

GRADE POINT INDEX

The quality point system is a measure of the excellence of a student's work. For the grade of A the student receives four times the number of semester hours of credit in his course; for the grade of B+ he receives three and one-half times the number; for a B he receives three times the number; for a C+ he receives two and one-half the number; for a C he receives twice as many; for a D+ he receives one and one-half as many; and for a D he receives the same number of quality points as semester hours of credit. For an F, P, or NC he receives no quality points.

The scholastic index is computed by dividing the total number of quality points by the total number of semester hours of credit attempted, excluding courses for which the grades of P or NC have been received.

The grade point index is computed only on the basis of course work taken at Marist College.

A scholastic index of 2.0, equivalent to a C average, is the overall minimum requirement for good academic standing, for officership in most undergraduate organizations, and for promotion.

Without deviating from this general requirement the College recognizes that a freshman may encounter difficulties in adjusting to college life and college curriculum. Therefore, if a freshman obtains a minimum cumulative index of 1.7 for the two semesters of his freshman year, he will be allowed to continue as a student at Marist for the following year.

All students must have a minimum cumulative index of 2.0 at the end of sophomore year and must maintain a minimum cumulative index of 2.0 each semester thereafter.

ACADEMIC HONORS

The Dean's List, published twice a year, records the names of those students who have achieved academic excellence in the previous semester. The list distinguishes between First Honors and Second Honors.

First Honors is awarded to a student with a scholarship index of 3.5 or higher for the semester. Second Honors is given the student with a scholarship index of 3.0 for the semester. To qualify for Honors in any given semester, a student must take at least 12 credits that are graded on the A-F scale.

At commencement, three grades of honors are awarded to those graduates who have maintained a superior level of achievement during the entire undergraduate course.

Summa Cum Laude, or highest honors, awarded to those having a scholarship index of 3.85 and no grade below B for the four-year period.

Magna Cum Laude, or high honors, awarded to those having a scholarship index of 3.6 and no grade below C.

Cum Laude, or with honor, for those having a scholarship index of 3.0 or above.

FAILURES

Academic failures in required subjects must be made up either at Marist or elsewhere. The student choosing to make up his academic deficiencies at another college must have the written permission of the Registrar. If it is impossible for a student to obtain the precise course he needs, he may not substitute an equivalent without the permission of the Registrar.

DISMISSAL

Students who fail to meet minimum academic standards are subject to dismissal. A minimum cumulative index of 2.0 is required for good standing. The College recognizes the adjustment difficulties associated with the freshman year, and will permit freshmen, at the completion of

their second semester, to continue on if they have accumulated a minimum 1.7 index. By the end of the fourth semester, however, the sophomore must have achieved the minimum cumulative index of 2.0, and this minimum must be maintained by the student for each successive semester.

Every student's academic standing is examined by the Associate Dean for Student Academic Affairs each semester. Cases calling for academic dismissal are reviewed by a faculty committee on academic standards.

The penalty of dismissal may also be imposed, after fair and appropriate procedures, upon students who seriously violate the regulations or the rights of the college community.

LEAVE OF ABSENCE

A student in good standing may take a leave of absence from the College for good reason. Leave of absence is ordinarily granted for no more than two semesters.

The Associate Dean for Student Academic Affairs should be consulted prior to leave-taking. If the leave is permitted, formal notification of the leave of absence is made to the College by means of a letter submitted to his office. Payment of the registration fee each semester is required for maintenance of status while on leave.

The Associate Dean should be notified of intent to return sufficiently in advance to allow for class and housing accommodation.

PROFICIENCY EXAMINATIONS

The College grants credit for College Proficiency Examinations (CPE) and the College Level Examinations (CLE) on an individual basis. The acceptable grade and credit assignment shall be determined by the department concerned with the subject area in which credit is sought.

To cover administrative costs, the College will make a charge of \$15.00 for each credit accepted.

CREDIT FOR COURSE WORK AT OTHER INSTITUTIONS

Successfully completed studies at another institution prior to senior year will be accepted as partial fulfillment of the requirements for graduation if (a) the student, while in residence at Marist College, qualified for and was accepted into an established program such as Marist Year Abroad or the Visiting Student Program or (b) the student, while an undergraduate at Marist, offered sufficient reason to the Registrar to gain prior approval for summer or intersession courses at another institution or (c) the student began his undergraduate education at another college or university and transferred to Marist College. (See Transfer Students)

Students who have 60 or more credits on record at Marist will be permitted to do work only at other four-year accredited institutions. The final 30 credits for all students, which are equivalent to the senior year,

may not be taken at another institution. (This does not preclude taking courses under the A.C.M.H.A. agreement or participation in an established cooperative program, i.e., Special Education.)

TRANSFER STUDENTS

A student who wishes to transfer to Marist from another college must meet the same requirements as a beginning student. In addition, he must submit, from each college attended, a statement of honorable dismissal or of good standing, an official transcript of courses completed and in progress, and a catalog from his college or university for evaluation purposes.

Transfer of Credit. A student entering Marist may transfer credit for courses taken at other institutions under the conditions stipulated below.

(1) The course must be appropriate as judged by the Registrar. This is to say that the course must be consistent with the Marist College curriculum.

(2) Only those courses may be transferred in which a grade of C or better has been obtained. A.A. degree holders may transfer any course passed in fulfillment of the requirements for that degree. This does not apply to holders of the A.A.S. degree.

(3) Courses taken ten or more years prior to admission to Marist may not be transferred (except provisionally) until the completion of 30 credit hours at Marist with a minimum cumulative index of 2.0.

(4) Credit for upper level courses will not be given for two-year college courses.

(5) Courses transferred are not counted in the computation of the student's scholastic index at Marist.

Degree Requirements. To receive a degree from Marist, transfers from two-year colleges must complete at least 60 credit hours in residence. Transfers from four-year colleges must complete a minimum of 30 credit hours, including a minimum of 12 in the major field.

An evaluation of transfer credit will be mailed to each candidate for admission when all records are received. Any errors or omissions on this evaluation must be reported to the Registrar at once. No changes will be made after three weeks. No evaluations can be made between August 1 and September registration. A student who receives no evaluation must see to it that he does not take a course for which he may have transferable credit and that he has the necessary prerequisites for any course for which he registers.

ADMISSION TO FRESHMAN CLASS

All those applying to Marist must have graduated from an accredited high school and have completed sixteen units, of which fourteen must

be in academic subjects. The following is the distribution of units:

English.....	4 units
American History	1 units
Social Science	2 units
Science*.....	2 units
Mathematics*.....	3 units
Language.....	2 units
Electives.....	2 units

In lieu of high school graduation a General Equivalency Diploma will be accepted. The applicant must have the scores of his exam sent directly to the Director of Admissions from the proper reporting agency.

Accompanying the official application form, obtainable from the Director of Admissions, must be the following:

1. Transcript of Record and Principal's recommendation
2. Results of the Scholastic Aptitude Test of the College Entrance Examination Board or Act Test Scores
3. Recommendation of the high school principal or guidance counselor

Decision of the acceptance is based on the above information.

EARLY DECISION

A transcript of the high school record, the student's standing in his class, a recommendation from the secondary school principal or guidance counselor, and the results of the College Entrance Examination Board Aptitude Test or the American College Test, must be submitted before any decision can be made regarding admission. The student should file his application during the summer preceding his senior year or early in the fall semester of his senior year in high school. A letter stating that Marist is the only choice of the applicant should accompany the application. All candidates for early acceptance should file their applications and letters by December 1st.

NON-MATRICULATED STUDENTS

A student in regular attendance at another college may register for courses at Marist to make up deficiencies or accelerate his program. Such a student is required to have a statement from his Dean that he is in good standing and has permission to pursue courses at Marist College. A form containing this statement is available from the Office of the Registrar.

The College is also prepared to admit a limited number of qualified applicants who wish to take selected courses for credit but who do not

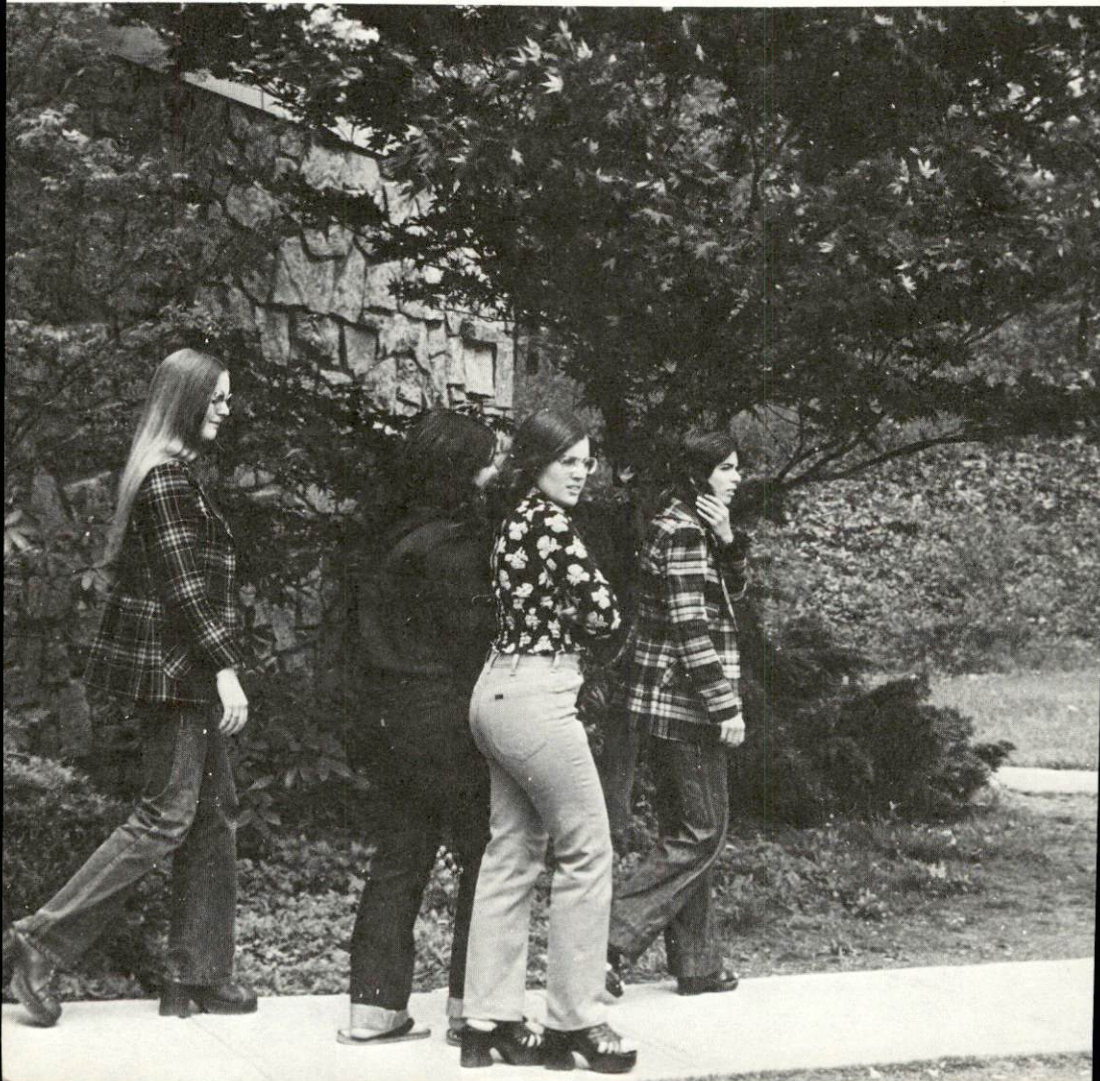
*It is recommended that applicants for admission to the science program should have completed four years of mathematics and three years of science; included in the science requirement would be chemistry and physics.

wish to study for a degree at Marist College. Such applicants are subject to the usual admission requirements. Should such students subsequently decide to matriculate, they may apply no more than 12 credit hours taken prior to matriculating toward the degree.

Occasionally, a student wishing to study for a degree at Marist College but failing in some way to meet ordinary admissions requirements is permitted to take courses as a non-matriculated student. Upon completion of 12 credit hours with an average grade of C, the student may matriculate. Failing this, he requires the permission of the Associate Dean for Student Academic Affairs to continue further course work.

CREDITS WITHIN A SEMESTER

A full time matriculated student should register for a minimum of 12 credit hours; he may elect to attempt 15 or 18 credit hours. To register for more than 18 credit hours he must obtain the permission of the Associate Dean for Student Academic Affairs.



STUDENT SERVICES

CAMPUS LIVING

Basically, residence hall living is envisioned as a community. Communities grow at different rates, have different visions, purposes and means of achieving an end; but, the end is always the same: personal growth and maturation for the individual student; a humanizing for interpersonal relationships and sensitivity; respect for laws and authority and lastly, but certainly not least, an atmosphere to express oneself in the most creative capacity of his talents and interests.

The students of each residence hall, in concert with their adult leaders, therefore, handle all matters concerned with life style. This implies not only legislating but also powers of enforcement and when necessary, penalization for infractions.

The residence halls hold a place of honor and are an integral part of the college experience at Marist. They are places where people grow through healthy interaction; in short, they are places where the Marist student learns to translate theory to reality.

FRESHMAN ORIENTATION

Freshman orientation is a program designed to help new students overcome the difficulties they are most likely to meet in the transition from high school to college. It is initiated by a day spent on campus during the summer prior to entrance. On this occasion, students meet with faculty members to discuss curricular opportunities and register for first semester courses. The orientation program continues during the fall semester with a program of talks and discussions designed to acquaint the student with campus opportunities and services.

OFFICE OF CAREER DEVELOPMENT

Placement is a student service function that assists students and alumni in the selection of work experiences by providing them with information and guidance as to employment opportunities and by furnishing materials with which to carry on employer contacts.

The three-fold aim of the office is: service to the student, service to the employer, and service to the institution.

The Office of Career Development is equipped with up-to-date employment information on approximately twelve hundred industrial and service institutions as well as current listings of part-time opportunities in the immediate area. Students are encouraged to take advantage early of the resources at their disposal to prepare themselves for their future.

During the course of the year, the development program revolves primarily around the graduating student providing him with *information, guidance, on campus interviews with industry and government*

representatives, resume processing, and career counseling with the Office of Career Development personnel.

Alumni are also being encouraged to utilize the services whenever the need arises. This is typical of the continual efforts on the part of the College to maintain good communications with alumni.

Through its Director, the Marist College Office of Career Development is represented in the Poughkeepsie Chamber of Commerce, the Dutchess County Guidance Association, and the Northeast Regional Placement Association of the College Placement Council.

STUDENT HEALTH

The College maintains on campus an infirmary which is located on the first floor in the East wing of Champagnat Hall. It is staffed by a registered nurse from 8:30 a.m. to 4:30 p.m., Monday through Friday. Emergency medication can be obtained at the infirmary, but for extended care, patients are required to purchase their own medications. Emergency cases required hospitalization are treated at St. Francis Hospital, located directly across the North Road from Marist.

The facilities of the infirmary are available to all students, faculty and staff.

The College provides student health insurance on an optional basis. Arrangements for health insurance can be made at the College Business Office. Medical expenses and drugs prescribed are the responsibility of the student.

OFFICE OF COUNSELING SERVICES

The Office of Counseling Services has been established to assist students with the successful completion of their duties, to help them formulate and achieve goals, and to facilitate their overall personality development. Toward these ends, the Office of Counseling Services provides referrals to community resources, consultation, group and individual counseling. The services of the office are available to the entire campus population. Appointments can be arranged by the Director or his secretary.

VETERANS

Marist College has the approval of the State Approval Agency for veterans' education. Questions concerning veteran benefits should be referred to the students' local veterans agency office. The office of the Registrar provides information and counseling about veteran benefits; all student veterans must submit appropriate forms to the Assistant Registrar. To provide further assistance to veterans, Marist has established an Office of Veterans's Affairs which is staffed by veteran students in cooperation with the Veterans Work-Study Program.

ALUMNI ASSOCIATION

The Marist College Alumni Association includes all Marist graduates. Its goals are to promote the welfare of the College and to assist with the continuation of relationships formed in undergraduate years.

The Association's executive council administers an annual program, which includes Homecoming Weekend in October, a fund drive, an annual meeting in the spring and the Alumni Commencement Award. New programs are developed by the executive council, which is composed of alumni officers and class representatives. The Association's quarterly newsletter keeps graduates informed of College developments, alumni services and class news.

The Marist College Alumni Association is a member of the American Alumni Council.

AUTOMOBILES ON CAMPUS

Freshman resident students are not allowed to have the use of a car. Sophomore, junior and senior resident students are permitted to have cars on campus; but the College does not assume responsibility. The use of cars by commuting students is at the option of the student. All cars must be registered with the Director of Security and must bear a parking decal. Regulations concerning parking on campus can be obtained at the Director of Security's Office. Registration is free.

DRAFT REGISTRATION

It is the student's responsibility to discharge all requirements of the Selective Service. Information regarding the Selective Service system may be obtained at the Registrar's Office. The Assistant Registrar is an official Selective Service system registrar.

FOREIGN STUDENTS

It is the responsibility of foreign students to maintain their passports, visas, and other documents in good order and up-to-date. The Foreign Student Adviser will assist in these and related matters. Information concerning these matters together with the more usual forms and certificate blanks are available at the office of the Registrar.

SPECIAL STUDIES AND PROGRAMS

WORK-STUDY PROGRAMS

Work-Study Programs are designed to provide a learning experience for the student in an academically-oriented work setting under professional supervision. Programs available at Marist include: Psychology Supervised Work Experience, Work Internship in Political Science, Computer Internship, and Internship in Educational Administration.

Marist's course in Applied Topics in Science is a unique step in attempting to deal with contemporary environmental problems. It is aimed at educating people about the ecological problems in the area and involving them in working out solutions. Students involved in this program have already done important work in the Model Cities program and have worked with a local attorney in an investigation of Urban Renewal.

Because these programs vary in terms of eligibility, requirements, credit award, etc., further inquiry should be directed to the sponsoring agency.

INTERNSHIPS IN EDUCATIONAL ADMINISTRATION

During the internship, a student becomes thoroughly familiar with the policies of the college regarding admission of students, and has as his responsibility the recruiting of students from high schools in a given sector.

The reading and study content is drawn from Philosophy of Education, Tests and Measurements, Administration of Higher Education, Public Speaking, Personnel Services: a) Admissions, b) Financial Aid, c) High School Placement, d) Government and Education, as well as a bibliography directly related to modern issues in guidance and personnel work that is compiled by the Admissions Office.

VISITING STUDENT PROGRAM

A student attending a college or university in New York State is eligible to study at another institution of his/her choice in the State. Over fifty colleges and universities participate in the Visiting Student Program. One of the things that makes the Program so unique is the remarkable diversity of the various schools. Some are large; some small. Some stress the liberal arts; others offer specialized studies as well, and some concentrate on professional preparation in such specific fields as computer technology, music, and films. Collectively, these schools represent an extraordinarily rich educational resource. To qualify for the

Visiting Student Program a matriculated student at Marist must have a cumulative index of at least 2.5.

Further inquiries about the Visiting Student Program for Colleges and Universities in the State of New York may be made at the Office of the Associate Dean for Student Academic Affairs. Application for the program should be made one semester in advance of the semester away.

CROSS REGISTRATION

Cross registration is a procedure that allows a student at any one of the A.C.M.H.A. colleges (Associated Colleges of the Mid-Hudson Area: Bard, Bennett, Culinary Institute of America, Dutchess Community, Lardycliff College, Marist, Mt. St. Mary, New Paltz, Vassar, and Ulster Community) to register for courses at any one of the other colleges (subject to space availability) through his home institution.

The courses taken via cross registration enjoy all the privileges accorded to courses taken at Marist. The host institution does not levy any tuition or fee charges upon a full-time Marist student. Marist requires a 2.5 cumulative index to qualify for cross registration and limits cross registration to courses not available at Marist. Approval of the Registrar is required.

Further inquiries about cross registration should be directed to his office. Cross registration is effected at the same time as regular registration at Marist.

FRANKLIN D. ROOSEVELT STUDIES

During the past several years, Marist College, in cooperation with the Franklin D. Roosevelt Library, has focused attention on the wealth of scholarly materials available at the Roosevelt Library. The Roosevelt era in American history has had a vital role in the shaping of American domestic and foreign policies over the past decades. Marist College further associates itself with the growing number of scholars who have written about these historic days of our recent past.

Annual Roosevelt Symposia have been held since 1965 to examine important events during Franklin Roosevelt's administration. Among the former New Dealers who have spoken at the symposia have been Justice William O. Douglas, appointed by F.D.R. to the Supreme Court; Adolph A. Berle, Jr., former braintruster and Roosevelt's Assistant Secretary of State; James Roosevelt, son of the late President. Among the eminent historians who have delivered papers at the symposia have been Arthur M. Schlesinger, Jr., James MacGregor Burns, Frank Friedel, and William Leuchtenburg. Attending these Roosevelt Symposia have been hundreds of college history professors and high school social studies teachers from many eastern states.

A Franklin D. Roosevelt Summer Institute (6 credits) was initiated in 1966. This seminar-research course is coordinated at both Marist College (seminar) and the Roosevelt Library (research). A substantial research paper utilizing the Roosevelt papers is required. The Institute includes discussions with scholars actively engaged in research and surviving friends and acquaintances of President Roosevelt. Field trips are made to a number of places of historic interest in the Mid-Hudson area. Available photocopied documents and audio-visual aids are utilized.

During the regular academic year, a Franklin D. Roosevelt Seminar Course (3 credits) is offered. This topical seminar course allows undergraduate students the unique opportunity to utilize presidential papers and other pertinent manuscripts usually reserved for scholars and graduate students.

COOPERATIVE ENGINEERING PROGRAM

Marist College maintains a cooperative engineering program with the University of Detroit.

Interested Marist College students enroll in the physics-mathematics curriculum. Following completion of sophomore year, students may transfer to the College of Engineering of the University of Detroit and continue their studies toward the bachelor's degree in engineering.

During the three years at the University of Detroit the students divide their time equally between 13-week periods for training in the engineering industries. The purpose of the industrial training is to make the student familiar with engineering techniques and practices, and with the engineering environment. They are paid for their services, and their earnings enable them, on the average, to pay 75% of the cost of attending the University of Detroit in the upper three years, including living costs. At the end of the five-year course, students receive the B.E. degree from the University of Detroit.

Students considering this program should register with the coordinator of engineering education during their freshman year.

PRE-HEALTH PROFESSIONAL PROGRAMS

Marist College offers prerequisite courses for entry into medical, dental and veterinary school, as well as schools of podiatry, optometry, and other institutions allied to the health profession. Most often students interested in preparing for a career in these areas major in biology or one of the other sciences. Students may, however, major in the humanities and take the necessary prerequisite courses as electives.

A student planning to seek a career in a health profession should consult with the Health Professions Adviser early in his/her freshman

year. The adviser assists a student in setting up a program of courses for entry into a professional school as well as counseling him while at Marist.

Admittance to a professional school is based upon a student's record of academic achievement, performance on a national qualifying examination and a letter of evaluation and recommendation from the adviser. In preparing a letter of evaluation and recommendation, the adviser requests statements of evaluation from faculty members designated by the student. These evaluations become part of a composite evaluation which the adviser forwards to the schools the student is applying to along with his own letter of evaluation and recommendation.

Students interested in applying to medical or veterinary schools should aim for a minimum cumulative index of 3.4 by the end of their junior year. Students interested in other professional schools should aim for an index of 3.0.

The mere fact that a student takes a pre-professional program is no guarantee that he will be accepted into the professional school of his choice nor is it a guarantee that he will receive the recommendation of Marist College.

MARIST ABROAD PROGRAMS

Marist College allows qualifying students to spend their sophomore, junior, or senior year in a foreign country, when academic betterment is judged most probable.

Students are individually placed in many countries of Europe, Africa, Latin, Central America and the Far East.

Inquiries are to be addressed to the Director, Marist Abroad Programs, as early as possible.

JANUARY COURSES ABROAD

During the January recess, students have the opportunity to broaden their educational experience by participating in uniquely designed courses. Inquiries should be directed to the faculty member who is sponsoring the course.

TEACHER EDUCATION

The program in Teacher Education at Marist College is designed to assist the student in preparing himself for a career as a secondary school teacher. It is under the direction of the college's Office of Teacher Education, made up of the Director of Teacher Education, the members of the Education Program, and the Committee on Teacher Education whose membership is drawn from the major disciplines of the College.

This Office is responsible for the preparation of programs leading to state certification, the advisement and supervision of students who are enrolled in the program, the screening of candidates and the formulation of policy within the program.

Teacher Education is not a major field of the College, nor does it constitute a separate section. The objectives of the program do not differ from the general objectives of the College as listed in the catalog. Specifically, however, it seeks to provide for the prospective teacher:

1. A well-rounded professional and academic preparation which will be of value to him during the initial years of his professional career;
2. An intensive training in a major field, as well as in professional courses, which he may continue to build after his graduation from Marist;
3. The fulfillment of the requirements of the State Education Department of the University of the State of New York in those areas for which the College has received approval to train teachers.

SPECIAL EDUCATION

Through a cooperative arrangement with Mount Saint Mary College, Newburgh, New York, Marist students can qualify for certification in elementary and special education. Certification is available to students who spend one semester at Mount St. Mary College and one semester in senior year practice teaching. The Mount Saint Mary College program is approved by the Education Department of the State of New York.

UNIVERSITY YEAR FOR ACTION

Marist allows thirty qualifying students to earn thirty units of academic credit through a program of experienced based learning over a twelve-month period.

The University Year for ACTION (UYA) enables qualified students to concentrate on an urban studies core in one of three vital areas: the urban school system, urban business management, urban youth problems. UYA students work full time in their specific fields of interest. They are directly supervised by Marist College Faculty members and agency personnel in the City of Poughkeepsie school system, the Police-Community Relations office, and such city businesses and professional organizations as the Poughkeepsie Area Chamber of Commerce, the Model City Agency, the Poughkeepsie Urban Renewal Agency, and municipal departments for the City of Poughkeepsie. In addition to this work, UYA students are required to attend work-related seminars and in-service training.

Inquiries are to be addressed to the Director, University Year for ACTION, as soon as possible.

COURSE CODES

In the pages that follow, each course is designated by a letter code, a number and a course title. Code letters denote subject areas and are given below. The number indicates a specific course and a specific course content. Although the course title may change from time to time, the number assigned to that course remains constant, provided that its content remains essentially the same. This publication gives the current course title associated with each course.

ACMH	Cross registration at member institutions
ACC	Accounting
AMST	American Studies
ANTH	Anthropology
ART	Art
BIO	Biology
BUS	Business
CHEM	Chemistry
CMSC	Computer Science
COMM	Communication Arts
CRJU	Criminal Justice
ERSC	Earth Science
ECON	Economics
EDUC	Education
ENG	English
ENSC	Environmental Science
FREN	French
FRSM	Freshman Seminar
GEOG	Geography
GERM	German
GRK	Greek
GRLT	Greek and Latin
HEPS	Higher Education Personnel Services
HIST	History
INTD	Interdisciplinary
ITAL	Italian
LAT	Latin
LIT	Literature
MATH	Mathematics
MUS	Music
PHIL	Philosophy

PHED	Physical Education
PHYS	Physics
POSC	Political Science
PSYC	Psychology
REST	Religious Studies
RUSS	Russian
SCI	Science
SOC	Sociology
SPAN	Spanish



GRADUATION REQUIREMENTS

STATEMENT OF REQUIREMENTS FOR THE BACCALAUREATE DEGREE

The successful completion of courses totaling 120 credits is required for graduation. The distribution of these courses is described below under the headings, Major Field Requirements and General Course Requirements.

Major Field Requirements

Every student is required to major in an academic discipline or area, called the major field. The major fields available to students at Marist College are the following:

Accounting, American Studies, Applied Solid State Physics, Biology, Business, Chemistry, Communication Arts, Criminal Justice, Economics, English, Environmental Science, French, History, Mathematics, Physics, Political Science, Psychology, Russian, and Spanish. The Bachelor of Science in Criminal Justice is an option available to holders of two-year degrees in police science or correctional administration.

The requirements for the major field are listed separately for each. These requirements include:

CATEGORY 1.0 A specific number of credits in the academic discipline or area in which the major is being earned;

CATEGORY 2.0 A specific number of credits in academic disciplines or areas related to or supportive of the academic discipline in which the major is being earned;

CATEGORY 3.0 Proficiency and Other Requirements.

The requirements of each of the Categories 1.0 and 2.0 are formulated in terms of

- (a) those specific courses which must be taken by all majors;
- (b) other courses or groups of courses from which selections are to be made to complete the total credit requirement for that category. The selections may be completely free or restricted.

The requirements of Category 3.0 may include such elements as comprehensive examinations, standardized examinations, and theses or other major written work.

General Course Requirements

In addition to the courses designated under the Major Field Requirement the student is required to take an additional number of courses to complete the total credit requirement for graduation. There is no specific distribution stipulated by the faculty for the courses taken by a student to fulfill the General Course Requirements; the student is

consequently at liberty to make his own choices. But because the faculty is conscious of its own responsibility for the education of each student at Marist it offers to students the following counsel:

(1) Each student should attempt to establish clearly in his own mind the educational goals that he is attempting to achieve as the outcomes of his college experience.

(2) His course choices should be related to the achievement of these goals.

(3) He should be aware that the background, professional training and experience of the faculty are resources which are at his disposal. It is strongly recommended therefore, that he seek out a faculty advisor to discuss with him his educational objectives and his plan of courses.



THE CURRICULUM

AMERICAN STUDIES

THOMAS W. CASEY, *Director*

American Studies is an interdepartmental program which allows the student to explore the interplay between ideas and events in the American past through an investigation of America's history, politics, law, literature, philosophy, religion, art, and music.

The American Studies major is accomplished through a combination of the selective utilization of various departmental offerings already in existence, in addition to a three-credit Freshman Seminar and a three-credit Senior Seminar which are devoted to investigating the leading ideas shaping American culture and an analysis of representative interpretations of America. The interdisciplinary structure of the American Studies Program is designed to appeal to students who seek a more integrated understanding of the American culture complex than can be found within any of the major areas of study presently in the Marist curriculum.

The American Studies major is required to take at least twelve credits (see below) in disciplines and/or areas outside of American culture. The student is encouraged to focus his/her outside field of concentration on a particular culture such as Latin American, English or Russian.

REQUIREMENTS FOR A BACHELOR OF ARTS IN AMERICAN STUDIES

- | | | | |
|-----|--|-------------|------|
| 1.0 | Course Requirements in American Studies | | |
| | FRSM 660 | 3 cr | |
| | AMST 008 | <u>3 cr</u> | |
| | CREDIT REQUIREMENT IN AMERICAN STUDIES | | 6 cr |
| 2.0 | Course Requirements in Related Fields | | |
| | ENG 181-182 | 6 cr | |
| | One ENG course selected from the following: | | |
| | 200, 201, 203, 207, 216, 217, 639, 759, 856 | 3 cr | |
| | One additional ENG course outside American Literature, i.e., relative to your outside field of concentration, e.g., Latin American Studies, British Studies, Russian Studies | 3 cr | |
| | HIST 287 | 3 cr | |
| | Three HIST courses selected from the following: | | |
| | 318, 322, 323, 324, 325, 330, 331, 332, 334, 336, 337, 338, 439, 440 | 9 cr | |
| | One HIST course outside American History, i.e., relative to your outside field of concentration | 3 cr | |

One PHIL Course selected from the following: 445, 449, 458	3 cr
One PHIL course outside American Philosophy, i.e., relative to your outside field of concentration	3 cr
Two POSC courses selected from the following: 391, 392, 504, 510, 511, 512, 518, 521, 669, 671, 676, 670-810	6 cr
One POSC course outside American Political Science, i.e., relative to your outside field of concentration	3 cr
REST 902	3 cr
ART 028 or MUS 435	<u>3 cr</u>
CREDIT REQUIREMENTS IN RELATED FIELDS	<u>48 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MAJOR IN AMERICAN STUDIES	54 cr
3.0 Other Requirements	
None	

REQUIREMENTS FOR A MINOR IN AMERICAN STUDIES

Two HIST courses selected from the following: 287, 318, 322, 323, 324, 325, 330, 331, 332, 334, 336, 337, 338, 339, 340, 342, 439, 440, 757, 834, 835, 836	6 cr
Two POSC courses selected from the following: 391, 392, 504, 510, 511, 512, 518, 521, 669, 671, 676, 670, 810, 520	6 cr
Two ENG courses selected from the following: 181, 182, 216, 217, 200, 201, 207, 203, 639, 759, 856, 968, 969	6 cr
REST 902	3 cr
One PHIL course selected from the following: 445, 449, 458	<u>3 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN AMERICAN STUDIES	24 cr

AMST 008 Senior Seminar

An interdisciplinary examination of the American national character through readings, outside lecturers, and field trips. A competently researched paper is required of each student in his special area or interest in American culture.

To be taken in spring semester of senior year.

ANTHROPOLOGY

VINCENT F. KOTSCHAR, *Assistant Professor*

ANTH 009 Introduction to Anthropology I *Three Credits*

Physical and cultural anthropology. An investigation of man's ancestors and his continual physical evolution to modern man. Emphasis is also placed on the evolution of cultures at all levels of man's chronology, with stress on the Neolithic culture, and the early Near East and Egyptian Civilization.

ANTH 010 Introduction to Anthropology II *Three Credits*

Ethnology. An introduction to the nature, uniformity, and diversity of cultures through an exploration of primitive and modern peoples. Topics include: the family, economics, government, religion, social stratification, and art and crafts.

ANTH 824 Religion and Culture *Three Credits*

Also listed as REST 911.

An introduction to cultural anthropology, with focus on religion as a cultural universal. The study of cultural differences and determinants suggests new understandings of religious differences and functions in the human family.

ANTH 842 An Introduction to Archaeology *Three Credits*

A study of how archaeological work is performed (dating techniques; mapping; cross-identification; etc.). Application of these techniques will be viewed in the study of major archaeological sites of historic significance.

ANTH 841 The American Indian *Three Credits*

A study of pre-Columbian Indian Civilizations with emphasis on the Inca, and the Aztecs, Post-Columbian Indian groups will be studied cross-culturally, with emphasis on the family; social, political, and economic structure of the group; religions; and the arts. Consideration will also be given to the Indian contribution to American modern society.

ANTH 011 American Culture I *Three Credits*

Study of geographic, ethnographic, historic, and other factors pertinent to the development of Latin and Anglo-American cultures. Consideration will be given to minority and diverse groups; factors promoting urban and rural communities; and to a study in the historical and geographical development of selected cities. Statistics will be frequently provided in order to substantiate lectures and to encourage discussion.

ANTH 012 American Culture II *Three Credits*

An intense analysis of the population of the United States as to national origin, race, economic and social stratification, religious and political preferences, and ethnic contributions to the American scene. Consideration also will be given to a study of factors producing the megalopolis, the city, and smaller communities.

ART AND MUSIC

E. RIMAI FISHER, *Assistant Professor*

NORMAN OLIN, *Instructor*

JOHN SULLIVAN, *Instructor*

EVA PLAUT, *Lecturer*

REQUIREMENTS FOR A MINOR IN ART AND MUSIC

A total of 36 credits from the following areas:

Group I: ART 013, 015, 019, 021, 844, 843, 1017	9 cr
Group II: ART 022, 023, 053, 059 974, 972	9 cr
Group III: MUS 425, 427, 428, 431, 876, 877, 432, 433, 434, 435, 1075, 1076	9 cr
Group IV: ART 016, 017, 845, 846, 014, 018, 020, 028	9 cr
A. Six lower level courses: at least one from each of the four groups	18 cr
B. Six upper level courses; at least one from each of the four groups from the following list: ART 019, 021, 023, 972, 974, 845, 846, 014, 018, 425, 431, 435	18 cr

The "Creative Coping" experience, an in-depth, full semester involvement in the arts is recommended for all minors. The 15 credits earned may be applied to appropriate requirements as listed above.

Departmental advisement is required for establishment of a minor sequence.

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

ART 013	Introduction to Art I
ART 014	Printmaking and Makers
ART 015	Introduction to Art II
ART 016	Art of 19th and 20th Century
ART 017	The Artist as a Cultural Force
ART 018	Concepts of Space in Art
ART 019	Advanced Art I
ART 020	Art in Industry
ART 021	Advanced Art II
ART 022	Sculpture in Contemporary Media I
ART 023	Sculpture in Contemporary Media II
ART 028	American Art
ART 058	Creative Photography I
ART 059	Creative Photography II
ART 843	Art and Concretism
ART 844	Printmaking, Color and Black and White
ART 845	Development of Visual Art I
ART 846	Development of Visual Art II
ART 987	Special Topics in Art I
ART 988	Special Topics in Art II
ART 972	Cinematography
ART 974	Creative Photography III

ART 1017 Art of Drawing
 MUS 425 Creative Music
 MUS 427 Approach to Listening
 MUS 428 Insight into Music
 MUS 431 Jazz and Sound
 MUS 432 Music of the 18th Century
 MUS 433 Music of the 19th Century
 MUS 434 Music of the 20th Century
 MUS 435 Music in America
 MUS 876 Choral Singing I
 MUS 877 Choral Singing II
 MUS 990 Special Topics in Music I
 MUS 991 Special Topics in Music II
 MUS 1075 Theory of Music I
 MUS 1076 Theory of Music II

ART 013 Introduction to Art I

Three Credits

Exploration in art at individual level through design experiments in various media. Development of each person's identification with materials of his choice; emphasis on spontaneous and expressive experiences; creativeness as a constructive force of integration of a person.

ART 015 Introduction to Art II

Three Credits

The dynamism of color in the art experience. Experiments in the variability and interdependence of color; color design in terms of form and space concept; color as a plastic force; the language of the color vocabulary.

ART 019-021 Advanced Art I-II

Six Credits

Exploration, in depth, of areas of creative expression in media of student's choice. Search for identity-experience in the art form, by moving as a self-determining individual to wholeness of statement. Frequent conferences with instructor.

Prerequisite: ART 013-015

ART 844 Printmaking, Color and Black and White

Three Credits

Individual instruction directed toward each student's development of strong, personal statements in woodcuts and linocuts.

ART 843 Art and Concretism

Three Credits

Exploring the integration and design of art form and content in concretism; with visual revealing in the language of verbal symbol and content revealing in the language of art. Personal experiments will be concerned with aspects of writing and design.

ART 022-023 Sculpture in Contemporary Media I-II

Six Credits

Imaginative experience in the three dimensional field. Introduction to "seeing" relational aspects of environment. The space of our current concept.

ART 016 Art of 19th and 20th Century

Three Credits

Art from the impressionist revolt to our time. A study of the development of the visual arts, painting, sculpture, architecture; their origin in past cultures. The relationship between art and environment and the profound influence of our technological age.

ART 017 The Artist as a Cultural Force *Three Credits*

The artist as a cultural force. Consideration of the problems of creativity. Study of significant contributions by major figures and basic aesthetic principles of our time.

Prerequisite: ART 016

ART 845 Development of Visual Art I *Three Credits*

The art of an era is the manifestation of its culture. Much of our knowledge is derived from art, artifacts and architectural remains. This course will examine the forms of expression and the changes in the art of the Ancient World and the Middle Ages. Relationship of art and civilization is stressed.

ART 846 Development of Visual Art II *Three Credits*

The major theme of this course is man, as he sees himself and his world. It deals with the development of painting, sculpture and architecture from the Renaissance to Neo Classicism.

ART 014 Printmaking and Makers *Three Credits*

The importance of the graphic artist as social commentator. Presentation will be concerned with cultural aspects and impact of communication, supported with slide lectures.

ART 018 Concepts of Space in Art *Three Credits*

The concepts of space and time have reflected man's relationship to his world and have determined the direction of his cultural development. Successive changes in man's image of himself and his space will be explored to understand his condition in his time—to today.

ART 020 Art in Industry *Three Credits*

Principles and application of art in today's man-made environment. The increasing importance of the artist in the formation of style in architecture, manufacturing and advertising.

ART 028 American Art *Three Credits*

American Art as a document of the fabric of our society. The tracing of the development from the itinerant painters of colonial times to the international contributions of the American artists today.

ART 058-059 Creative Photography I-II *Six Credits*

Photography will be explored as a medium of expression. Imaginative use of photographic materials. Processing techniques. Emphasis will be on the use of photography in the arts.

ART 1017 Art of Drawing, The Potential of Line and Form *Three Credits*

Concentration on the expressive range of line and form in a variety of media and techniques. Emphasis will be on the development of a personal calligraphy and his unique view of form.

ART 974 Creative Photography III *Three Credits*

Color photography as a medium of art expression. The added dimension of color in prints and slides. Use of contemporary processes and techniques.

ART 972 Cinematography *Three Credits*

Cinematography as visual communication; seeing in reference to motion, time, rhythm; interrelationship of sight and sound. Techniques basic to creative approaches will be employed.

ART 987-988 Special Topics in Art I-II*Six Credits*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the departmental/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of instructor and chairman

MUS 427 Approach to Listening*Three Credits*

The student, exploring the basic elements, develops awareness in the context of traditional and contemporary music. As students become music activists, each introduces his own choices for group interaction and discussion.

MUS 428 Insight into Music*Three Credits*

A lot of listening. Introduction to the sound compositions of our now experimentalists, visual interpretation of sound, development of a personal system of notation, experience in verbal-sound-activity events.

MUS 425 Creative Music*Three Credits*

The awareness of music as a phenomenon of sound, approaching an understanding of the nature and components of music through creative projects. This course is designed for all students with interest in music without regard to past musical training.

MUS 431 Jazz and Sound*Three Credits*

Involvement in criticism and evaluation of contemporary forms of Jazz and Sound; exploration and expansion of student's creative ability in sound compositions; examination of the philosophical implications of the creative process. Importance of music as a specific comment on the contemporary scene. Individual consideration of experimental tapes.

MUS 432 Music of the 18th Century*Three Credits*

An exploration of the musical experience of the Baroque and classical eras as related to other art forms and as a reflection of the society which produced it. Counterparts of the aesthetic ideals and musical practices in contemporary works. Creative projects in artistic synthesis at individual level.

MUS 433 Music of the 19th Century*Three Credits*

Consideration of the Romantic ideals as manifested in the major composers of the period; relationship of music to art and literature governed by similar aesthetics. The influence and traces of Romanticism in music of the Twentieth Century. Creative work on respective individual level.

MUS 434 Music of the 20th Century*Three Credits*

Transition from the traditional ideal to the modern idiom. Involvement in current musical life through experimentation and listening. Attendance at live performances, integration with other media, and consideration of underlying aesthetic principles.

MUS 435 Music in America*Three Credits*

A historical view of the development of music in America. Major emphasis on Twentieth Century experimentalists, rock and folk artists, as well as America's unique contribution, jazz. Creative work based on individual's resources.

MUS 876-877 Choral Singing I-II*Six Credits*

We sing; we compose; we conduct; we perform. We are introduced to traditional, contemporary and experimental choral works.

MUS 1075 Theory of Music I*Three Credits*

A study of the fundamentals of musical notation, basic chords and chord progressions, simple forms. Attention is also given to ear training, sight singing, and creative work at the individual level.

MUS 1076 Theory of Music II*Three Credits*

A study of chromatic harmony, larger musical forms, analysis of compositions using these materials. Further development of skill in harmonizing melodies, composing at individual level, ear training and sight singing.

MUS 990-992 Special Topics in Music I-II*Six Credits*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the departmental/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

PAINTERS AND POETS, ETC.

A new experience in the creative arts, centering around the visits of working artists to the Marist campus. Students explore their own creative potential in verbal and visual media. Workshop discussions.

CREATIVE COPING

Creativeness as the constructive force of integration of the person. Emphasis on identity experience, with augmented perceptions, and the humanizing of man's matrix in terms of the new language. Attempt to set aside all dissonances through explorations in multi-media—the syntax of sight, sound and symbol.

By a judicious selection of courses from Art, Music, and Religious Studies and under the direction of faculty facilitators, students initiate work in creative expression in various art media. The main concern is to provide an in-depth learning experience for both students and facilitators.

BUSINESS AND ECONOMICS

JOHN C. KELLY, *Associate Professor, Chairman*
 ATILLA GONENLI, *Visiting Professor*
 LESTER M. CONE, JR., *Associate Professor*
 THEODORE O. PRENTING, *Associate Professor*
 ROBERT P. FRIED, *Assistant Professor*
 RAMESH GARG, *Assistant Professor*
 JOHN J. GRIFFIN, *Assistant Professor*
 FREDERICK E. JORDEN, *Assistant Professor*
 GREGORY J. KILGARIFF, *Assistant Professor*
 RICHARD L. McCARTY, *Assistant Professor*
 CORNELIUS J. RUSSELL, *Assistant Professor*
 CHARLES A. BAULCH, *Lecturer*
 JAMES B. FAY, *Lecturer*
 PAUL J. GANCI, *Lecturer*
 JEFFREY GRAHAM, *Lecturer*
 SAUL D. KASSOW, *Lecturer*
 JOHN P. McGOVERN, *Lecturer*
 JOHN E. MACK, *Lecturer*
 GEORGE F. SUPAN, *Lecturer*
 LUDWIG A. ZURNIEDEN, JR., *Lecturer*

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

1.0	Course Requirements in Business		
	ACC 052, 054	6 cr	
	BUS 056, 057, 062, 063, 066, 069	18 cr	
	Additional Courses in one of the following concentrations:		
	MARKETING CONCENTRATION:		
	BUS 071, 073, 074	9 cr	
	OPERATIONS MANAGEMENT CONCENTRATION:		
	BUS 064, 075, 076	9 cr	
	ACCOUNTING/FINANCE CONCENTRATION:		
	ACC 685, BUS 072, one accounting elective	9 cr	
	CREDIT REQUIREMENT IN BUSINESS		33* cr
2.0	Course Requirements in Related Fields		
	ENG 170	3 cr	
	ECON 136, 137	6 cr	
	MATH 395, 871-872	9 cr	
	PHIL 429	3 cr	

*NOTE: A maximum of 45 credits in Business allowed towards a degree.

	PSYC 525	3 cr
	One Course in Natural Sciences selected from the following:	
	BIO 025, 031, 033	
	CHEM 096	
	ERSC 678	
	PHYS 469	<u>3 cr</u>
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>27 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN BUSINESS ADMINISTRATION	60 cr
3.0	Other Requirements	
	None	
4.0	Recommended Courses	
	SOC 598	

REQUIREMENTS FOR A MINOR IN BUSINESS

	Introductory Level Courses	
	ACC 052, 054	6 cr
	ECON 136, 137	6 cr
	MATH 871, 395	<u>6 cr</u>
		18 cr
	Upper Level Courses	
	BUS 062, 063, 069	9 cr
	One Concentration Course	<u>3 cr</u>
		12 cr
	TOTAL CREDIT REQUIREMENT FOR A MINOR IN BUSINESS	30 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list.

BUS 056 Business Law I
 BUS 057 Government and Business
 BUS 062 Management and Personnel Relations
 BUS 063 Financial Management
 BUS 064 Labor Relations
 BUS 065 Business Law II
 BUS 066 Production Management
 BUS 069 Marketing Management
 BUS 071 Marketing Research
 BUS 072 Financial Markets
 BUS 073 Marketing Communications
 BUS 074 Sales Administration
 BUS 075 Wage Theory and Compensation Systems
 BUS 076 Management Systems Analysis

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION WITH A MAJOR IN ACCOUNTING

1.0	Course Requirements in Accounting		
	ACC 052, 054, 067, 068, 685, 965, 966, 967	<u>24 cr</u>	
	CREDIT REQUIREMENT IN ACCOUNTING		24 cr
2.0	Course Requirements in Related Fields		
	BUS 056, 063, 065, 072	12 cr	
	Five additional BUS courses	15 cr	
	ECON 136, 137	6 cr	
	MATH 395, 871, 872	9 cr	
	Any liberal arts courses; may <i>not</i> include courses in Hygiene or Physical Education	<u>54 cr</u>	
	CREDIT REQUIREMENT IN RELATED FIELDS		<u>96 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN ACCOUNTING		120 cr
3.0	Other Requirements		
	AICPA Achievement Test, Levels I and II		
4.0	Recommended Courses		
	ENG 170		
	PHIL 429		
	PSYC 525		
	SOC 598		

REQUIREMENTS FOR A MINOR IN ACCOUNTING

Introductory Level Courses		
ACC 052, 054	6 cr	
ECON 136, 137	6 cr	
MATH 871, 395	<u>6 cr</u>	
		18 cr
Upper Level Courses		
ACC 685	3 cr	
Two Courses from the following:		
ACC 067, 068, 965, 966, 967	6 cr	
BUS 063	<u>3 cr</u>	
		<u>12 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN ACCOUNTING		30 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list.

ACC 052 Principles of Accounting I
 ACC 054 Principles of Accounting II
 ACC 067 Federal Income Taxation
 ACC 068 Accounting Systems
 ACC 685 Cost Accounting
 ACC 965 Intermediate Accounting
 ACC 966 Advanced Accounting
 ACC 967 Auditing

REQUIREMENTS FOR A BACHELOR OF ARTS IN ECONOMICS

- | | | |
|-----|--|--------------|
| 1.0 | Course Requirements in Economics | |
| | ECON 136-137, 138-140 | 12 cr |
| | Six additional ECON Courses | <u>18 cr</u> |
| | CREDIT REQUIREMENT IN ECONOMICS | 30 cr |
| 2.0 | Course Requirements in Related Fields | |
| | ACC 052-054 | 6 cr |
| | ENG 170 | 3 cr |
| | MATH 395, 871-872 | 9 cr |
| | PHIL 429 | 3 cr |
| | One Course in political science | 3 cr |
| | PSYC 525 | 3 cr |
| | One Course in Natural Sciences
selected from the following: | |
| | BIO 025, 031, 033 | |
| | CHEM 096 | |
| | ERSC 678 | |
| | PHYS 469 | <u>3 cr</u> |
| | CREDIT REQUIREMENT IN RELATED
FIELDS | <u>30 cr</u> |
| | TOTAL CREDIT REQUIREMENT FOR A
MAJOR IN ECONOMICS | 60 cr |
| 3.0 | Other Requirements | |
| | Graduate Record Examinations,
Aptitude and Advanced Tests | |
| 4.0 | Recommended Courses | |
| | SOC 598 | |

REQUIREMENTS FOR A MINOR IN ECONOMICS

- | | | |
|--|------------------------------------|-------------|
| | Introductory Level Courses | |
| | ECON 136, 137 | 6 cr |
| | MATH 871, 395 | <u>6 cr</u> |
| | | 12 cr |
| | Upper Level Courses | 6 cr |
| | ECON 138, 140 | |
| | Two Courses from
the following: | |
| | ECON 141, 144, 145, | |

147, 148, 149, 150
696, 849

6 cr
12 cr

TOTAL CREDIT REQUIREMENT FOR A
MINOR IN ECONOMICS

24 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list.

ECON 136 Principles of Economics I
ECON 137 Principles of Economics II
ECON 138 Intermediate Macroeconomic Theory
ECON 140 Intermediate Microeconomic Theory
ECON 141 Soviet Economics
ECON 144 Monetary Economics
ECON 145 Economic Development and Growth
ECON 147 American Economic History
ECON 148 International Economics
ECON 149 History of Economic Thought
ECON 150 Wage Theory and Compensation Systems
ECON 696 Labor Relations
ECON 849 Public Finance

✓ **ACC 052 Principles of Accounting I**

Three Credits

Development of basic accounting concepts. Recording changes in financial condition through analysis of business transactions, and the preparation of statements reporting present monetary position, earnings, and fund-flows of the business organization.

✓ **ACC 054 Principles of Accounting II**

Three Credits

Deals with tools of financial control. Course covers such topics as: manufacturing overhead, cost systems, standards and the analysis of variances, budgets, internal control and break-even analysis.

Prerequisite: ACC 052

✓ **ACC 067 Federal Income Taxation**

Three Credits

A study of the Federal tax system with primary emphasis on the impact of taxes on business decision-making. Topics include capital gains and losses, deductions, rate structure, withholding and declaration payments.

Prerequisite: ACC 052-054

✓ **ACC 068 Accounting Systems**

Three Credits

A comprehensive presentation of the fundamentals of data origination, classification, control, and reporting. Various accounting systems will be analyzed including data processing applications.

Prerequisite: ACC 052-054

✓ **ACC 685 Cost Accounting**

Three Credits

An intensive study of the structure of various cost accounting systems. Techniques of income determination for manufacturing enterprises are explored. Attention is given to how standards can be applied in accounting to provide useful information for planning and controlling the cost of direct labor, materials, and manufacturing overhead costs.

Prerequisite: ACC 052-054

✓ **ACC 965 Intermediate Accounting** *Three Credits*

A critical study of the problems involving financial statement accounts and income determination, analysis of current accounting theory, mathematical principles and applications, incomplete records and error correction.

Prerequisite: ACC 052-054

✓ **ACC 966 Advanced Accounting** *Three Credits*

A study of detail of the accounting problems of partnerships, consignments, installment sales, insurance, receiverships, estate, trusts, business combinations, consolidations, and other specialized areas.

Prerequisite: ACC 965

✓ **ACC 967 Auditing** *Three Credits*

Standards and procedures currently used by independent public accountants in examining financial statements and their application in report preparation. The ethical and legal responsibilities of the accountant are reviewed.

Prerequisite: ACC 966 and MATH 395

BUS 056 Business Law I *Three Credits*

Designed to cover fundamental legal principles applicable to common business transactions; the nature and function of law; court procedure; the law principles pertaining to contracts, agency, and property.

BUS 057 Government and Business *Three Credits*

An analysis of government's role and activity in influencing economic life. Topics include the philosophy and instruments of the nation's economic policy as they relate to competition, regulation of industries, income redistribution, and the enforcement of these measures.

Recommended: ECON 136-137

BUS 062 Management and Personnel Relations *Three Credits*

This course first considers the fundamentals of management and organization of an enterprise. Subjects include the theories of management and organizations, and discussion of such concepts as the managerial task, policy formation, planning and control, and decision-making. Next examined are current practices in personnel relations. Topics include a brief review of the American labor movement and its impact on labor relations, and a study of contemporary methods of staffing, training and compensating personnel.

BUS 063 Financial Management *Three Credits*

A study of the basic understanding of the financial management functions of contemporary business enterprise. Topics include financial principles and techniques essential for analyzing, planning and controlling profitability and liquidity of assets, planning optimum capital structure and cost of capital, capital budgeting techniques, and utilizing financial instruments and institutions for raising capital.

Prerequisite: ACC 052-054

BUS 064 Labor Relations *Three Credits*

Also listed as ECON 696

A study of labor-force and labor-market developments, and their influence on management policy and practices. Subjects include the growth and nature of union organization, the economics of the collective bargaining process, and selected collective bargaining issues.

Prerequisite: BUS 062 and ECON 136-137

BUS 065 Business Law II*Three Credits*

A continuation of Business Law I. Emphasis is on the uniform commercial code and creditor's rights. Additional topics covered include: suretyship, insurance, wills and trusts.

Prerequisite: BUS 056

BUS 066 Production Management*Three Credits*

This course is designed to study the field of production management with emphasis on the interrelationships of product design, manufacturing methods and the administrative and technical problems faced by production managers and their staffs. The evaluation of the technical concepts and planning and control functions are made in the light of contemporary theory and practice.

Prerequisite: MATH 871-872, MATH 395 and ACC 052-054

BUS 069 Marketing Management*Three Credits*

An examination of the activities involved in moving goods from physical production to the consumer. The structure of the distribution system and combinations of marketing mix strategies are analyzed. Product planning, pricing, promotion and service in a highly oriented consumer economy are considered from the viewpoint of the marketing manager.

BUS 071 Marketing Research*Three Credits*

The approach in this course is the use of research as a method of analysis to provide information relevant to the solution of marketing problems. Technical aspects are presented as they relate to the manager's ability to judge the soundness of research proposals and evaluate research findings.

Prerequisite: BUS 069, MATH 395, and MATH 871-872

BUS 072 Financial Markets*Three Credits*

A survey of the American financial system designed to provide an essential foundation for advanced finance courses. Topics include a systematic analysis of the functions and operations of the major American financial markets and institutions with special emphasis upon their function as suppliers of credit and liquidity to the financial system. The course examines the impact of cyclical and secular changes in business activities upon the money and capital markets, the monetary theory underlying modern financial systems, and stabilization policies.

Prerequisite: ACC 052-054

BUS 073 Marketing Communications*Three Credits*

This course gives emphasis to the communications concept of advertising and public relations. Emphasis is placed upon organizing and evaluating the advertising and public relations effort as a part of the firm's total marketing program. Problems covering the budget, client-agency relationships, account management, media planning, administration and control are discussed.

Prerequisite: BUS 069

BUS 074 Sales Administration*Three Credits*

This course covers the structure of the sales organization: methods of selecting, training, compensation, motivation, and controlling the sales force; setting territories, and sales quotas; sales and cost analysis.

Prerequisite: BUS 069

BUS 075 Wage Theory and Compensation Systems*Three Credits*

Also listed as ECON 150

Economic analysis of the labor market. Factors important in the determination of wage rates, the firm's wage structure, incentive methods of wage pay-

ment, and various fringe benefits are studied. Wage theories are analyzed, with consideration given to wage legislation and management wage policies.

Prerequisite: ECON 136-137

Recommended: BUS 062

BUS 076 Management Systems Analysis

Three Credits

Designed to ultimately serve as the terminal course in the Operations Management concentration, this course integrates concepts learned in accounting, personnel, production, and statistics, through the systems or systems analysis approach. Applications are made to the functional areas of business, with attention given to the role of the computer.

Prerequisite: ACC 052-054, BUS 062 and 066

ECON 136 Principles of Economics I

Three Credits

An introductory course in economics. Topics covered include the basic functioning of a free enterprise economy; economic activities of government; national income analysis; the theory of income determination; and the monetary system.

ECON 137 Principles of Economics II

Three Credits

A course dealing with analysis of price behavior under both competitive and monopolistic conditions; demand and utility; equilibrium of the firm; marginal analysis and production theory; returns to the factors of production.

Prerequisite: ECON 136

ECON 138 Intermediate Macroeconomic Theory

Three Credits

Analysis above the level of ECON 136 of the aggregates of consumption, saving, investment and government fiscal activity and the influence of these on the size of national income. Includes consideration of factors affecting employment, prices and economic growth.

Prerequisite: ECON 136-137

ECON 140 Intermediate Microeconomic Theory

Three Credits

A more detailed analysis of the material covered in ECON 137. Included is the theory of consumer behavior and the determinants of demand; theory of production; nature and behavior of cost; price and output determination in the various competitive markets; theory of factor prices and income distribution.

Prerequisite: ECON 136-137

ECON 141 Soviet Economics

Three Credits

Designed to cover the Soviet Economy from 1927 to date. Topics include the reliability of Soviet statistics; five-year plans; Soviet industrial growth; collectivized agriculture; and general economic policies.

Prerequisite: ECON 136-137

ECON 144 Monetary Economics

Three Credits

A study of the nature of money and credit; the commercial banking structure and operation; the Federal Reserve System; the development of monetary theory; American monetary policy.

Prerequisite: ECON 136-137

ECON 145 Economic Development and Growth*Three Credits*

An analysis of problems encountered by developing nations. Topics include economic, social and political barriers to development; theories of growth; the role of capital, savings, population, and foreign aid; the history of development; and case studies of developing nations.

Prerequisite: ECON 136-137

ECON 147 American Economic History*Three Credits*

A study of the contribution of the several factors of production to the economic growth of the United States. Also examined is the development of private and government institutions that have organized economic life in this country.

Prerequisite: ECON 136-137

ECON 148 International Economics*Three Credits*

Development of the theoretical framework of trade between nations; balance of payments theory; foreign exchange markets; policies on tariffs and trades; customs unions; and international financial agencies.

Prerequisite: ECON 136-137

ECON 149 History of Economic Thought*Three Credits*

A study of the principal theories of the production and distribution of economic goods. Consideration of the essential elements in the thought of the exponents of classical and neo-classical economics and modern macroeconomics.

Prerequisite: ECON 136-137

ECON 150 Wage Theory and Compensation Systems*Three Credits*

Also listed as BUS 075

Economic analysis of the labor market. Factors important in the determination of wage rates, the firm's wage structure, incentive methods of wage payment, and various fringe benefits are studied. Wage theories are analyzed, with consideration given to wage legislation and management-union wage policies.

Prerequisite: ECON 136-137

Recommended: BUS 062

ECON 696 Labor Relations*Three Credits*

Also listed as BUS 064

A study of labor-force and labor-market developments, and their influence on management policy and practices. Subjects include the growth and nature of union organization, the economics of the collective bargaining process, and selected collective bargaining issues.

Prerequisite: BUS 062 and ECON 136-137

ECON 849 Public Finance*Three Credits*

Analysis of the theory and practice of government expenditure, taxation and debt management. Topics include effects on income, the budget process, fiscal policy and intergovernmental and local government finance.

Prerequisite: ECON 136-137

EDUCATION

Elizabeth Nolan, *Director*

Maurice G. Bibeau, *Language Adviser*

Augustine Nolan, *English Adviser*

William C. Olson, *History Adviser*
William Perrotte, *Science Adviser*
Janet M. Schillinger, *Mathematics Adviser*
Dan H. Allen, M.S., *Consultant*
Eileen N. Bentley, A.B., *Consultant*
Lawrence A. Gilmour, B.A., M.A., *Consultant*
Franklin H. Hazard, M.A., *Consultant*
Kenneth J. Knops, M.A., *Consultant*
Victor Mahoney, A.B., M.A., *Consultant*
Scott A. Sanford, M.S., *Consultant*

Marist College offers an approved program in teacher education leading to New York State provisional certification in the following academic subject areas for grades 7 through 12: English, social studies, mathematics, French, Spanish, biology, chemistry, and physics.

Under a cooperative agreement with Mount Saint Mary College, Newburgh, Marist students are also offered a program leading to NYS provisional certification in special education. Elementary certification accompanies special education certification in this program.

A course in bi-lingual education/teaching English as a second language is available to students who are Spanish majors or who have a knowledge of Spanish. Credits earned in this course may be applied to complete the requirements for a baccalaureate degree or to supplement the required professional education preparation for certification in secondary or special education.

At the same time that students are pursuing certification in secondary or special education, they are completing an academic major for their baccalaureate degree.

Students who are interested in religious education courses should consult the course listings of the Religious Studies Department in this catalog.

SECONDARY EDUCATION

Admission to the Program.

A student may apply for admission to the program during the first semester of junior year or, in the case of students who are planning to spend junior year abroad, during the sophomore year. Applications are presented to the Director of Teacher Education for submission to the Teacher Education Council. Normally, this Council will accept only those students who have achieved a cumulative index of 2.5 and a major field index of 2.5. All applications must be accompanied by three letters of recommendation from members of the faculty or administration of the college. Students accepted into the program begin taking courses, if possible, during their junior year.

Program Requirements.

The following 18 credits in professional education are required to qualify for certification: Ed 540, Ed 166, the appropriate methods course (Ed 152 through Ed 157), Ed 161, and Phil 450.

During senior year, the student will spend the fall semester in the exclusive pursuit of professional preparation. The first half of this semester is spent in the courses devoted to social and philosophical foundations of education, educational psychology and methods of teaching his or her academic major. During the second half of the semester, the student engages in directed observation and practice teaching under the supervision of the college and a cooperating teacher approved by the college.

SPECIAL EDUCATION

Admission to the Program.

Students interested in pursuing certification in the field of special education should apply to the Director of Teacher Education before the end of the freshman year. A review of the application will be made during the fall semester of junior year preceding course work to be taken at Mount Saint Mary College.

Program Requirements.

Ed 1024, Psych 975, Psych 677, Psych 554, Psych 976, and Phil 450 must be completed before spring semester of junior year at Marist. Courses to be taken thereafter through the cooperative agreement with Mount Saint Mary are: methods and materials in the elementary school, foundations of reading instruction, educational tests and measurements, methods and materials for the mentally retarded, creative arts in the elementary school, and student teaching.

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

EDUC 152	Methods of Teaching English in Secondary Schools
EDUC 154	Methods of Teaching Social Studies in Secondary Schools
EDUC 155	Methods of Teaching Science in Secondary Schools
EDUC 156	Methods of Teaching Mathematics in Secondary Schools
EDUC 157	Methods of Teaching Languages in Secondary Schools
EDUC 161	Observation and Practice Teaching
EDUC 163	Methods and Curriculum Internship
EDUC 166	Sociological and Philosophical Foundations of Education
EDUC 437	Special Topics in Education
EDUC 540	Educational Psychology

EDUC 1001 Introduction to Bilingual Studies/TESL (Teaching English as a Second Language)

EDUC 1024 Introduction to Special Education

EDUC 152 Methods of Teaching English in Secondary Schools

Three Credits

Principles of basic methodology in secondary schools. Use of audio-visual aids. Study of various curriculums in English and their problems. Special emphasis on methods of efficient reading. Cultivation of the desire to read, and methods of teaching composition, classroom management, lesson planning, testing, and construction of classroom tests.

Open only to students enrolled in the Teacher Education Program.

EDUC 154 Methods of Teaching Social Studies in Secondary Schools

Three Credits

Seeks to identify and demonstrate teaching techniques for secondary social studies classes. Students must prepare demonstration classes using innovative teaching techniques, and are responsible for preparing one TV taped lecture, on which other members of the class offer critical comment. Discussions concern topics such as teaching controversial issues, social studies in the total curriculum, values and objectives in the social studies, and others. The course is organized around the teaching unit and its construction.

Open only to students enrolled in the Teacher Education Program

Prerequisite: Permission of the Director of Teacher Education

EDUC 155 Methods of Teaching Science in Secondary Schools

Three Credits

A course concerned with objectives, problems and procedures, preparation of unit and lesson plans, use of demonstrations, student laboratory experiences, science curriculum (with special emphasis on Chem. Study, BSCS, and PSSC) and evaluation, texts and reference materials, use of visual aids, programs for advanced students, testing and construction of classroom tests.

Open only to students enrolled in the Teacher Education Program.

EDUC 156 Methods of Teaching Mathematics in Secondary Schools

Three Credits

A discussion of the current trends in secondary school mathematics courses. Study of syllabi in mathematics on the junior-senior high school level. The principles of problem solving. Demonstration lessons by the students, testing and construction of classroom tests.

Open only to students enrolled in the Teacher Education Program.

EDUC 157 Methods of Teaching Languages in Secondary Schools

Three Credits

Objectives of foreign languages study. Examination of revised language syllabi. Study of recent trends in foreign language teaching with a concentration on the audio-lingual method. Demonstration and use of the language laboratory and other audio-visual materials. Observation of demonstration classes and presentation of typical lessons by the students, testing and construction of classroom tests.

Open only to students enrolled in the Teacher Education Program.

EDUC 161 Observation and Practice Teaching*Six Credits*

Clinical experience in the classroom on the junior-senior secondary school level including at least 120 clock hours of actual teaching under the bi-weekly supervision of the Office of Teacher Education and the academic departments. Eight weeks of full-time attendance at a secondary school is required.

EDUC 163 Methods and Curriculum Internship*Three Credits*

A field-based experience which precedes the student-teaching semester. Introduces the teacher candidate to the secondary school. Extensive classroom observations, tutoring, small group instruction, related non-instructional activities, participation in the general activity of the secondary school. Weekly seminar on campus. Not required for certification. Pass/No Credit.

Open only to students enrolled in the secondary education program.

EDUC 166 Sociological and Philosophical Foundations of Education*Three Credits*

An introduction to American education for students preparing to be teachers. The development of education is studied as a social institution in order to grasp those significant features which have given education its present structure. The school is studied as a social agency influenced by and influencing social, economic, legal and political processes in American life. Relevant seminars and laboratory sessions within the public school are an important adjunct to classroom sessions.

EDUC 540 Educational Psychology*Three Credits*

Also listed as PSYC 677

The physical, emotional, intellectual and social development of the student with special emphasis on the relevance of these processes to the programs and procedures of the school.

Prerequisite: PSYC 525

**EDUC 1001 Introduction to Bilingual Studies/TESL
(Teaching English as a Second Language)***Three Credits*

A study of the main concepts of bilingual education and the teaching of English as a second language. Analysis of the actual situation in the Spanish-speaking community with particular emphasis on the Puerto Rican people.

EDUC 1024 Introduction to Special Education*No Credit*

Visitations and observations in special education facilities and public schools. Open only to students enrolled in the special education program. Required as an introductory, exploratory experience. Opportunity for volunteer work.

EDUC 437 Special Topics in Education*Three Credits*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of the Director of Teacher Education.

ENGLISH AND COMMUNICATION ARTS

JEPHTHA H. LANNING, *Assistant Professor, Chairman*

GEORGE J. SOMMER, *Professor*

MILTON TEICHMAN, *Professor*

GERARD A. COX, *Assistant Professor*

ROBERT P. LEWIS, *Assistant Professor*

AUGUSTINE J. NOLAN, *Assistant Professor*

ROBERT C. NORMAN, *Assistant Professor*

EDWARD P. WATERS, *Assistant Professor*

EILEEN L. BEST, *Lecturer*

ELEANOR CONKLIN, *Lecturer*

SHAILEEN C. KOPEC, *Lecturer*

MARIO P. RUGGERI, *Lecturer*

REQUIREMENTS FOR A BACHELOR OF ARTS IN ENGLISH

N.B. Each student is assigned a faculty adviser from within the department. The student should plan his course selections in close cooperation with his adviser. Course registration forms should carry the adviser's signature.

General Aims of the Curriculum in English Language and Literature:

1. To foster greater understanding of and sensitivity to the nature and uses of the language.
2. To develop the student's ability to write and speak effectively.
3. To help him develop the critical language to describe and evaluate literary works.
4. To help the student see literature in its widest contexts: social, historical, philosophical, moral.
5. To help the student recognize the humanistic value of literary study.

- 1.0 Course Requirements in English
in Freshman year:
ENG 859-860
ENG 1040
COMM 852
ENG 188-189

6 cr
3 cr
3 cr
6 cr
18 cr

- Course Requirements in English
in Sophomore year:
ENG 181-182
ONE upper-level English course,
each semester. Upper level
courses are denoted by
asterisks.

6 cr
6 cr
12 cr

Course Requirements in English
in Junior and Senior year:

An additional FIVE upper level English courses in language and literature. Courses in speech, theatre and media of communication do not fulfill upper level English requirements. Such courses may be taken as electives. N.B. Though the student may take more than the SEVEN required upper level courses, he should be cautioned about over-specialization. A student may not take more than two upper level English courses in any semester.

CREDIT REQUIREMENT IN ENGLISH

Lower level courses	24 cr
Upper level courses	<u>21 cr</u>

15 cr

45 cr

2.0 Courses Required in Related Fields

A minimum of ONE course to be chosen from each of the following areas of studies:

ART or MUSIC 3 cr

NATURAL SCIENCE (BIO 025, CHEM 096, ERSC 678, 597, PHYS 469, SCI 694) 3 cr

HISTORY (Whenever possible to correlate with courses in literature) 3 cr

PHILOSOPHY (Especially recommended are PHIL 429, 879, 441, 443, 781) 3 cr

COMPUTER SCIENCE (CMSC 873) or MODERN FOREIGN LANGUAGE (Intermediate or Advanced level) 3 cr

CREDIT REQUIREMENT IN RELATED FIELDS

15 cr

TOTAL CREDIT REQUIREMENT FOR A MAJOR IN ENGLISH

60 cr

3.0 Other Requirements

None

4.0 Recommended Courses

The following recommendations are made with respect to the English major's goals or interests. Choice should be made in consultation with a faculty adviser.

PSYCHOLOGY, especially PSYC 525, 526, 533

ANTHROPOLOGY, especially ANTH 009, 010 SOCIOLOGY, especially SOC 598, 599

RELIGIOUS STUDIES, especially REST 901, 904, 905, 816, 580, 570

5.0 The highly qualified student is invited to submit to the department a proposal for a special six-credit program in independent study. Such a program would extend over two semesters, the first devoted to intensive reading, the second to the completion of a research paper.

A student is encouraged to pursue a minor in a different field to give greater structure and coherence to his program.

REQUIREMENTS FOR A MINOR IN ENGLISH

One ENG Course from the following:	
ENG 169, 170, 851, 232	3 cr
One COMM Course from the following:	
COMM 852, 246, 855	3 cr
ENG 859, 860	6 cr
Five upper level courses in English	<u>15 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN ENGLISH	27 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

ENG 143	Modern Speculative Fiction II
ENG 164	Modern Speculative Fiction I
ENG 167	Religious Themes in Literature
ENG 168	English Composition
ENG 169	Creative Writing
ENG 170	Expository Writing—Rhetoric
ENG 177	The Experience of Literature I
ENG 179	The Experience of Literature II
ENG 180	Developmental Reading
ENG 181	American Literature I
ENG 182	American Literature II
ENG 188	English Literature I
ENG 189	English Literature II
ENG 198	Spanish Literature in Translation: Epic Poetry and Drama
ENG 200	American Drama 1915-1945
ENG 201	American Drama 1945-Present
ENG 202	Introduction to Linguistics I
ENG 203	History of the English Language I
ENG 204	History of Literary Criticism I
ENG 205	History of Literary Criticism II
ENG 206	Contemporary English Poetry
ENG 207	Contemporary American Poetry
ENG 208	Introduction to Linguistics II
ENG 209	The Rise of the English Novel
ENG 211	The Contemporary English Novel
ENG 212	French Literature in Translation before 1900
ENG 213	Contemporary French Literature in Translation
ENG 214	The Rise and Development of the English Drama I
ENG 215	The Rise and Development of the English Drama II
ENG 216	The Rise of the American Novel

REQUIREMENTS FOR A BACHELOR OF ARTS IN COMMUNICATION ARTS

N.B. Each student is assigned a faculty adviser from within the department. The student should plan his course selections in close cooperation with his adviser. Course registration forms should carry the adviser's signature.

General Aims of the Curriculum in Communication Arts:

1. To make students aware of the ramifications of the "communication explosion" and man's attempt to understand the implications inherent in living within a technological age.
2. To provide a foundation in the educational and creative phases of radio, film, television, theatre and print media.
3. To develop an understanding of managerial and administrative phases of the communication-media in combination with the disciplines of the liberal arts.
4. To serve as a basic preparation for advanced academic or professional study in communication arts.

1.0	Course Requirements in Communication Arts	
	COMM 855, 246, 172	9 cr
	COMM 861-954	6 cr
	COMM 196, 199 or 178, 862	6 cr
	ENG 170	3 cr
	ENG 1040-761, 203-639 or TWO	
	courses in one modern foreign	
	language, intermediate or	
	advanced level	6 cr
	FOUR courses in area studies	
	selected from the following:	
	COMM 175, 176, 186, 857,	
	858, 726, 792, 806, 1042	
	ENG 200, 201, 214, 215, 234,	
	659	<u>12 cr</u>
	CREDIT REQUIREMENT IN	
	COMMUNICATION ARTS	42 cr
2.0	Course Requirements in Related	
	Fields	
	Six Courses from a student's	
	area of interest, these	
	Courses to be chosen from as	
	many of the listed disciplines	
	as possible.	
	NEWS AND PUBLIC AFFAIRS:	18 cr
	ANTH 009 or 010 or 011 or 012	3 cr
	ART 058 or 059	3 cr
	POSC 503 or 510 or 669	3 cr
	PSYC 525 or 547	3 cr
	HIST 323 or 331 or 342	3 cr
	or 325 or 440 or 318	3 cr

ENG 217 The Contemporary American Novel
 ENG 218 Medieval Literature
 ENG 219 Renaissance Literature
 ENG 220 Seventeenth Century Literature (1603-1660)
 ENG 221 Eighteenth Century Literature I
 ENG 222 Eighteenth Century Literature II
 ENG 223 The English Romantics
 ENG 224 The Great Victorians
 ENG 228 Spanish Literature in Translation: The Novel
 ENG 230 Major Russian Writers I (In Translation)
 ENG 231 Major Russian Writers II (In Translation)
 ENG 232 Writing Prose Fiction I
 ENG 233 Chaucer
 ENG 234 Shakespeare
 ENG 235 Masterpieces of European Literature I
 ENG 237 Masterpieces of European Literature II
 ENG 239 The Twentieth Century European Novel
 ENG 247 Writing Prose Fiction II
 ENG 276 Latin American Literature in Translation
 ENG 639 History of the English Language II
 ENG 642 Major German Writers I (In Translation)
 ENG 643 Major German Writers II (In Translation)
 ENG 659 Twentieth Century European Drama
 ENG 686 Literature of the Restoration (1660-1700)
 ENG 698 Seminar in English Literature
 ENG 726 Readings in Comparative Literature
 ENG 758 Readings in English Literature
 ENG 759 Readings in American Literature
 ENG 761 Readings in Linguistics
 ENG 794 Seminar in Linguistics
 ENG 802 Independent Research: English Literature
 ENG 804 Independent Research: American Literature
 ENG 807 Independent Research: Linguistics
 ENG 812 Independent Research: Comparative Literature
 ENG 851 Elements of Description and Narration
 ENG 854 Seminar in Comparative Literature
 ENG 856 Seminar in American Literature
 ENG 859 The Art of Prose
 ENG 860 The Art of Poetry
 ENG 925 Special Topics in English I
 ENG 926 Special Topics in English II
 ENG 982 Dostoevsky
 ENG 983 Tolstoy
 ENG 968 Nineteenth Century American Short Story
 ENG 969 Twentieth Century American Short Story
 ENG 1040 Exposition and Language

CMSC 873	3 cr	
PHIL 458 or 879	<u>3 cr</u>	
MANAGEMENT:		18 cr
ART 020	3 cr	
BUS 062 or 069 or 052 or 056	6 cr	
PSYC 525	3 cr	
CMSC 873	3 cr	
PHIL 429	3 cr	
REST 560	<u>3 cr</u>	
THEATRE AND PERFORMING ARTS:		18 cr
ART 013 or 017 or 018	3 cr	
MUS 427 or 428	3 cr	
PSYC 525	3 cr	
HIST 277 or 344 or 318	3 cr	
CMSC 873	3 cr	
PHIL 429 or 781	3 cr	
REST 580 or 816	<u>3 cr</u>	
SECONDARY EDUCATION:		18 cr
ANTH 011 or 012	3 cr	
ART 845 or 846	3 cr	
POSC 503	3 cr	
PSYC 525 or 533 or 554	3 cr	
PHIL 445 or 458 or 781	3 cr	
REST 552 or 910	3 cr	
CMSC 873	<u>3 cr</u>	
CREDIT REQUIREMENT IN RELATED FIELDS		<u>18 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MAJOR IN COMMUNICATION ARTS		60 cr
3.0 Other Requirements		
None		

A student is encouraged to pursue a minor in a different field to give greater structure and coherence to his program.

REQUIREMENTS FOR A MINOR IN COMMUNICATION ARTS

Introductory Level Courses:	
COMM 861, 954	6 cr
One Course from the following:	
COMM 855, 246	3 cr
One Course from the following:	
ENG 169, 170, 851, 232	<u>3 cr</u>
	12 cr
Upper Level Courses:	
Four COMM Courses from the following:	

COMM 172, 175, 176, 186
857, 858, 196, 199,
178, 862, 1042

12 cr

12 cr

TOTAL CREDIT REQUIREMENT FOR A
MINOR IN COMMUNICATION ARTS

24 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

COMM 172 Criticism of American Public Address
COMM 175 Comparative Communication Systems
COMM 176 Visual and Aural Communication Techniques
COMM 178 Cinematic Communication
COMM 186 Introduction to Journalism
COMM 187 The Film
COMM 196 Press Theory and Practice
COMM 199 Electronic Theory and Practice
COMM 246 Oral Interpretation of Literature
COMM 760 Readings in Media of Communication
COMM 792 Seminar in Media of Communication
COMM 806 Independent Research: Media
COMM 852 Speech Production
COMM 855 Persuasive Speaking
COMM 857 Theatre Practice
COMM 858 Theatre Workshop
COMM 861 Introduction to Communication I
COMM 862 The Theatre
COMM 954 Introduction to Communication II
COMM 1042 Introduction to Radio

INTRODUCTORY COURSES

ENG 168 English Composition

Three Credits

Offered to freshmen who are notably deficient in writing proficiency. The course focuses upon fundamentals of sentence, paragraph, and essay construction.

ENG 180 Developmental Reading

Two Credits

Training is given to develop the techniques which increase the speed and comprehension of reading.

COMM 187 The Film

Three Credits

This course will examine the aesthetics of film and the film as a social force in sequence from the beginning (Melies, Edison, Griffith, Porter, et al) to the present day. Fundamental genres of films will be explored: the horror film, the comedy, the western, the documentary and the mystery. The role of the film in education and industry will not be neglected.

ENG 177-179 The Experience of Literature I-II

Six Credits

This course introduces the student to the various forms of literature. The approach is intended to permit him to enjoy literature and be enriched by it through understanding the techniques of the artist. Through reports and class discussions, the student is encouraged to exhibit his understanding and appreciation of literary expression.

COURSES IN SPECIALIZED SUBJECTS

ENG 164*-143* Modern Speculative Fiction I-II

Six Credits

Readings in a wide range of twentieth century science fiction and fantasy writers with special emphasis on the writers of the present.

ENG 167* Religious Themes in Literature

Three Credits

Also listed as REST 816

An interdisciplinary study of significant themes in contemporary literature and their relationship to man and the human situation.

COURSES IN LANGUAGE STUDY AND LITERARY CRITICISM

ENG 202*-208* Introduction to Linguistics I-II

Six Credits

A study of the internal structure of the English language as it relates to current patterns in speech and grammar. This course treats phonology, morphology, morphophonemics, the description of language structures, and English transforms.

ENG 203*-639* History of the English Language I-II

Six Credits

The development of the language from the Old English period to the present.

ENG 859 The Art of Prose

Three Credits

A study of the principles and methods of rhetorical criticism as they apply to literature and politics (in the broadest sense). The subject to be studied is criticism of the art of persuasion as practiced by the statesman, the pamphleteer, the editorial writer, the preacher, etc.

ENG 860 The Art of Poetry

Three Credits

An introduction to poetry with a focus on practical criticism: analysis of poems, interpretive reading of poems, acquisition of working vocabulary in description of poetic techniques, forms, and effects. Allied readings in the theory of poetry and the nature of the creative process.

ENG 204*-205* History of Literary Criticism I-II

Six Credits

A reading of the major texts from antiquity to T.S. Eliot and the New Critics.

ENG 1040 Exposition and Language

Three Credits

The student has the opportunity to become acquainted with the science of linguistics through reading and analyzing numerous essays about linguistics. He is also provided with the opportunity to develop his expository writing ability through themes that he will produce on the essays studied.

COURSES IN ENGLISH LITERATURE

ENG 188-189 English Literature I-II

Six Credits

Selections from the principal writings of the leading literary figures in English Literature.

ENG 218* Medieval Literature

Three Credits

English literature from the Old English period to the establishment of printing exclusive of Chaucer. Emphasis is placed on Beowulf, the romance, themes in lyric poetry, and the development of prose.

ENG 219* Renaissance Literature

Three Credits

An intensive reading from the prose and poetry of the English Renaissance exclusive of Shakespeare and the drama. The rise and development of humanistic thinking is stressed.

ENG 220* Seventeenth Century Literature (1603-1660)

Three Credits

A detailed examination of metaphysical and classical poetry. The intellectual atmosphere of the age is examined through a reading of the principal prose stylists including Burton, Browne, and Bacon.

ENG 686* Literature of the Restoration (1660-1700)

Three Credits

Emphasis placed on the major works of Milton and Dryden. The poetry of the Court Wits and trends in the drama are examined.

ENG 221*-222* Eighteenth Century Literature I-II

Six Credits

A close examination of the major works of Pope, Swift, Gay, Johnson, and the pre-Romantics, especially Burns and Blake. Tendencies in literary theory are studied.

ENG 223* English Romantics

Three Credits

Poetry and poetics of the Romantic Movement with emphasis on the major works of Wordsworth, Coleridge, Byron, Shelley, and Keats.

ENG 224 Great Victorians

Three Credits

Poetry and poetics of the Victorian Age with special emphasis on the major works of Tennyson, Browning, Arnold, Rossetti, and Pater.

ENG 209* The Rise of the English Novel

Three Credits

The generation and development of the novel in the Eighteenth and Nineteenth Century.

ENG 211* The Contemporary English Novel

Three Credits

A study of the developments in the novel from Joyce to the present.

ENG 214*-215* The Rise and Development of the English Drama

Six Credits

The development of the drama in England, excluding Shakespeare, from its origin in the liturgy of the Medieval Church to the present.

ENG 233* Chaucer

Three Credits

A detailed examination of the love visions, the *Troilus* and *Criseyde*, and the *Canterbury Tales*.

ENG 234* Shakespeare

Three Credits

A study of Shakespeare's art and development through a reading of representative comedies, histories, and tragedies.

- ENG 206* Contemporary English Poetry** *Three Credits*
A close reading of the principal British poets from the end of the Victorian era to the present including Hardy, Yeats, Eliot, Auden, and Dylan Thomas.

COURSES IN AMERICAN LITERATURE

- ENG 181-182 American Literature I-II** *Six Credits*
The principal developments in the literature of the United States expressive of the American mind from colonial times to the present.

- ENG 216* The Rise of the American Novel** *Three Credits*
Reading and analysis of the principal novelists in America before the First World War.

- ENG 217* The Contemporary American Novel** *Three Credits*
Trends in the novel from World War I to the present.

- ENG 200* American Drama 1915-1945** *Three Credits*
This course endeavors to acquaint the student with the tradition of dramatic literature and theatrical innovation in America between 1915 and 1945. Particular emphasis will be upon the contributions of O'Neill, Rice, Anderson, Sherwood, Odets, Wilder, Barry, and Hellman. Written and oral presentations will be stressed.

- ENG 201* American Drama 1945-present** *Three Credits*
A study of plays and other theatrical phenomena in America from World War II to the present. Concentration will be upon the works of Williams, Miller, Inge, MacLeish, Albee, and Simon. Textual analysis and laboratory presentations will be emphasized.

- ENG 207* Contemporary American Poetry** *Three Credits*
A close reading of the principal American poets since the beginning of the Twentieth Century including Pound, Stevens, Frost, Williams, Lowell, and Cummings.

- ENG 968* Nineteenth Century American Short Story** *Three Credits*
This course is designed to offer the student a greater depth in the study of the Nineteenth Century American Short Story. The principal works of Irving, Poe, Twain, Crane, and James will be studied.

- ENG 969* Twentieth Century American Short Story** *Three Credits*
This course is designed to offer the student greater depth in the study of Twentieth Century American Short Story. The principal works of outstanding authors as Hemingway, Fitzgerald, O'Connor, Welty, Oates, and Clarke will be studied.

COURSES IN THE LITERATURES OF FOREIGN CULTURES

- ENG 235-237* Masterpieces of European Literature** *Six Credits*
Reading of the principal works of several of the major writers in Western Civilization, including Homer, Virgil, Dante, Cervantes, Rabelais, Ibsen, Dostoevsky, Tolstoy, and Mann.

- ENG 239* The Twentieth Century European Novel** *Three Credits*
A general survey of the development of the novel in contemporary Europe.

ENG 659* Twentieth Century European Drama *Three Credits*
A general survey of the development of drama in contemporary Europe.

ENG 212* French Literature in Translation before 1900 *Three Credits*
Also listed as FREN 863
A survey of major French authors previous to 1900. Readings in Villon, Rabelais, Montaigne, Pascal, Moliere, Racine, Voltaire, Rousseau, Stendhal, Balzac, Flaubert.

ENG 213* Contemporary French Literature in Translation *Three Credits*
Also listed as FREN 864
A survey of major French authors since 1900. Readings in Baudelaire, Claudel, Peguy, St. John Perse; Proust, Malraux, Mauriac, St. Exupery, Sartre, Camus; Giraudoux, Ionesco, Teilhard de Chardin.

ENG 642-643* Major German Writers I-II (In Translation) *Six Credits*
A study of major German literature from Nibelungenlied to the outstanding works of the contemporary authors.

ENG 230* Major Russian Writers I (In Translation) *Three Credits*
Also listed as RUSS 585
Selective study of Nineteenth Century Russian short story, tale, and novel with an emphasis placed on the works of Pushkin, Lermontov, Gogol, Goncharov, Leskov, Turgenev, Tolstoy, and Dostoevsky. To be taught in English.

ENG 231* Major Russian Writers II (In Translation) *Three Credits*
Also listed as RUSS 596
Selective study of Twentieth Century Russian drama, poetry, and prose with an emphasis placed on the works of Chekov, Gorky, Kuprin, Blok, Pasternak, Bunin, Sholokhov, Solzhenytsyn, and Nabokov. To be taught in English.

ENG 982* Dostoevsky *Three Credits*
Also listed as RUSS 869
Reading and study of Feodor Dostoevsky's major works. Analysis of his art and ideas from social, psychological, religious, and literary perspectives. To be taught in English.

ENG 983* Tolstoy *Three Credits*
Also listed as RUSS 870
Reading and study of Leo Tolstoy's major artistic prose. Analysis of the author's stylistic and ideological development in light of biographical fact. To be taught in English.

ENG 198* Spanish Literature in Translation: Epic Poetry and Drama *Three Credits*
Also listed as SPAN 919
A study of representative works in Spanish Epic Poetry, The Golden Age Drama and contemporary playwrights.

ENG 228* Spanish Literature in Translation: The Novel *Three Credits*
Also listed as SPAN 920
A study of the Spanish Picaresque Novel, the works of Cervantes and representative works of the XIX and XX centuries.

ENG 276* Latin American Literature in Translation*Three Credits*

Also listed as SPAN 838

A brief introduction to the origin and development of Latin American Literature followed by a selective study of the major twentieth century poets and novelists which include Borges, Machado de Assis, Vallejo, Neruda, Fuentes and Garcia Marquez.

COURSES IN WRITING**ENG 169 Creative Writing***Three Credits*

This course will be an investigation of the various aspects of creative writing as an art form. Techniques for the education of emotion through the use of the written word will be developed and analyzed. Selected works of fiction and poetry will be studied as models of the form. Students will be expected to produce written work to exemplify the various techniques.

ENG 170 Expository Writing—Rhetoric*Three Credits*

This course will be devoted to the forms of effective persuasion through writing. Rhetoric will be studied as a technique for analysis, argument and conclusion and these methods practiced in student papers. The rules of evidence and logical presentation will be emphasized. The works of authors skilled in exposition will be studied, analyzed and evaluated. The specific goal will be the development in the student of the ability to write a well ordered, fully documented long paper.

ENG 851 Elements of Description and Narration*Three Credits*

This course will focus on the basic problems of narrative and descriptive writings: character portrayal, dialog, atmosphere, action, point of view and authority.

ENG 232*-247* Writing Prose Fiction I-II*Six Credits*

Analytical study and production of the creative forms of prose, particularly the short story.

Prerequisite: ENG 166 or 170 or 851

ENG 186* Introduction to Journalism*Three Credits*

The history, philosophy, and function of the newspaper with classroom instruction and professional guidance in laboratory practice.

COURSES IN SPEECH**COMM 852 Speech Production***Three Credits*

Study of the effective use of voice and speech for social and professional needs. Techniques for the development of a pleasing, effective voice, emphasis on understanding of language; phonetic production, with application of speech fundamentals of the problem of group discussion, interpretive reading, conversation.

COMM 172* Criticism of American Public Address*Three Credits*

A concentrated study of American public address through the critical appraisal of men in their communication roles in social controversies. The theory and practice of critical appraisal of the forms of public address will include description, analysis, interpretation and evaluation.

Prerequisite: ENG 852 or permission of instructor.

COMM 855* Persuasive Speaking *Three Credits*

Study of evidence and reasoning, brief making, forms of debate, and group discussions. Students prepare and deliver argumentative speeches, debates on topics of current interest.

Prerequisite: ENG 852 or permission of instructor

COMM 246* Oral Interpretation of Literature *Three Credits*

The art of reading to an audience, conveying the ideational, emotional, and dramatic content of literature; the techniques of analysis are exercised equally with those of expression. Preparation of material for studio and classroom presentation from prose, poetry, play reading, Shakespeare.

Prerequisite: ENG 852 or permission of instructor.

COURSES IN THEATRE AND MEDIA OF COMMUNICATION

COMM 857* Theatre Practice *Three Credits*

Investigation of the nature of theatrical art, its origins, its effects, its intrinsic principles, analysis of the play script for the image of the human condition it presents, its principle of unit, style, genre, analysis of actor's art; exercises, improvisations and scenes.

Prerequisite: ENG 852 or permission of instructor

COMM 858* Theatre Workshop *Three Credits*

Methods of production with emphasis on the analysis of the play in terms of technical problems, the function of the stage manager, business manager, their relationship with associates, the conduct of the production, preparation, rehearsals, and performance.

Prerequisite: ENG 852 or permission of instructor

COMM 862* The Theatre *Three Credits*

A study of the theatre in Western Civilization; its nature and function in society; its social impact in the past and its contemporary role.

COMM 861-954 Introduction to Communication I-II *Six Credits*

A survey of the structure, functions, process and effects of interpersonal and mass communication in modern society. The course begins with the individual and works toward an understanding of the mass media of communication, their aesthetic problems and their contemporary functions in society.

COMM 175* Comparative Communication Systems *Three Credits*

Foreign press, broadcasting, and film; control and support; reflection of political systems, economic and social development; their function in formulating public opinion and national policy.

COMM 176* Visual and Aural Communication Techniques *Three Credits*

An investigation of the techniques of film, television, and sound from the standpoint of the communication of ideas. Ideally, this course would include the production of short films, as well as utilizing the AV-TV Center for television and sound assignments.

COMM 178* Cinematic Communication*Three Credits*

A systematic examination of the nature of the film medium, and of attempts to construct theories of film for both creative and reporting cinema. Attention is given to the problems of aesthetics and communication from the viewpoints of practitioner, critic, and audience.

COMM 196-199* Press and Electronic Theory and Practice I-II*Six Credits*

A survey of communication media. The first half of the course focuses on the print media while the second semester gives emphasis to the contemporary electronic media.

COMM 1042 Introduction to Radio*Three Credits*

Introduces the student to the various aspects of radio broadcasting and exposes the student to theoretical problems and experimental results in the classroom while working as a participant with professionals in the station departments of news, copywriting, promotion, management, sales, and programming and production.

Prerequisite: COMM 861-954

COURSES IN ADVANCED STUDIES**ENG 758* Readings in English Literature***Three Credits***ENG 759* Readings in American Literature***Three Credits***COMM 760* Readings in Media Communication***Three Credits***ENG 761* Readings in Linguistics***Three Credits***ENG 726* Readings in Comparative Literature***Three Credits*

Courses will convene periodically in informal session to discuss a work in a given designated topic area (e.g. ENG 758—Readings in 19th Century British Intellectual History—Carlyle's *Sartor Resartus*, J. S. Mill's *Autobiography*, Newman's *Apologia* etc.). Generally the instructor will formulate and advertise topics and readings prior to registration; in cases where the size of the interested group makes it practicable, students themselves might formulate the readings beforehand. Independent reading, mature analysis, and active discussion are expected.

Prerequisite: Generally, two semesters in the particular topic area of concentration.

ENG 698* Seminar in English Literature*Three Credits***ENG 856* Seminar in American Literature***Three Credits***COMM 792* Seminar in Media Communication***Three Credits***ENG 794* Seminar in Linguistics***Three Credits***ENG 854* Seminar in Comparative Literature***Three Credits*

Each of these seminars will focus on a relatively circumscribed area of inquiry—a literary problem, figure or set of figures, a topic, etc. The seminar will require some student-led discussion and a mature piece of independent research.

Prerequisite: Usually, two semesters of study in the seminar area of concentration (e.g. ENG 181-182, American Literature, for ENG 856).

ENG 802*	Independent Research: English Literature	<i>Three Credits</i>
ENG 804*	Independent Research: American Literature	<i>Three Credits</i>
COMM 806*	Independent Research: Media	<i>Three Credits</i>
ENG 807*	Independent Research: Linguistics	<i>Three Credits</i>
ENG 812*	Independent Research: Comparative Literature	<i>Three Credits</i>
<i>Prerequisite:</i> Same as Seminars		

ENG 925-926 Special Topics in English I-II *Six Credits*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the department/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of the Chairman of the Department.

FRESHMAN SEMINAR

FRSM 660-798 Freshman Seminar I-II *Six Credits*

The purpose of the seminar is to help the new student to develop the academic skills and insights which he needs to benefit fully from his four years at college. In a class of not more than fifteen students an instructor guides the students in their exploration of the why, what, and how of learning. Through individual and group projects, learning processes and learning media are studied. Specific subject matter (content) varies; each section of FRSM is unique in this regard.

The instructor, as faculty adviser, assists each student in designing his four year program of studies.

GEOGRAPHY

GEOG 958 Geography of Latin America *Three Credits*

A study of factors (climate, physiography, peoples, natural resources, etc.) that have shaped the geography of Latin America (South America, Mexico, Central America, and the Caribbean). A survey of the geography of individual countries will be made in order to determine their geographic potentialities.

HIGHER EDUCATION PERSONNEL SERVICES

HEPS 159 Personnel Services Internship: Admissions *Six Credits*

A work-study experience encompassing a study of principles and problems in specific areas of higher education together with professionally supervised practical experience in that area. Only with approval of Associate Dean for Student Academic Affairs.

HEPS 795 Introduction to Contemporary Higher Education in America

Three Credits

"An Introduction to Contemporary Higher Education in America," history, issues and future trends with particular attention paid to high school-college articulation, student adjustment and development during the college years. Exposition of vital issues in higher education.

HEPS 1085 Student Services in Higher Education

Three Credits

Offers a survey of personality theory as it applies to the college student in particular and also various counselling theories and techniques to deal with problems. Will also offer concepts and techniques of effective leadership.

HEPS 1086 Personnel Services Internship: Student Residences

Three Credits

On-campus internship in Residence Hall Services.

**HISTORY, POLITICAL SCIENCE
AND CRIMINAL JUSTICE**

LOUIS ZUCCARELLO, *Associate Professor, Chairman*

ROSCOE BALCH, *Professor*

PETER O'KEEFE, *Associate Professor*

YUAN CHUNG TENG, *Associate Professor*

CAROLYN C. LANDAU, *Assistant Professor*

JOSEPH M. NORTON, *Assistant Professor*

WILLIAM C. OLSON, *Assistant Professor*

HAROLD L. SIMS, *Assistant Professor*

VINCENT TOSCANO, *Assistant Professor*

JOHN G. WHITE, *Assistant Professor*

WILLIAM COLEMAN, *Lecturer*

**REQUIREMENTS FOR A
BACHELOR OF ARTS IN HISTORY**

N.B. The Department has not set down specific required courses in history or required courses in related areas. This is done so that a student may plan a meaningful curriculum designed to meet his individual needs and particular aims. To do this effectively, the Department believes that a student should plan his curriculum selections in close cooperation with a faculty adviser. Students are urged to establish early and frequent discussions with a faculty adviser.

Courses in modern language are not required but are strongly recommended for students with strong high school backgrounds in language and/or students whose career aims demand a knowledge of foreign language.

1.0	Course Requirements in History	
	HIST 287—The Nature of Historical Inquiry	3 cr
	Nine HIST courses with at least one course in each of the following areas: American History; European History; either Latin American or Non-Western History	<u>27 cr</u>
	CREDIT REQUIREMENT IN HISTORY	30 cr
2.0	Course Requirements in Related Fields	
	None	
	CREDIT REQUIREMENT IN RELATED FIELDS	
	None	
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN HISTORY	30 cr
3.0	Recommended Courses	
	The following recommendations are made with respect to the HISTORY major's vocational goal. Choices should be made in consultation with a faculty adviser.	
	Pre-Law	
	PHILOSOPHY	6 cr
	POLITICAL SCIENCE	6 cr
	ENGLISH EXPRESSION ³	6 cr
	BEHAVIORAL SCIENCE	6 cr
	BUSINESS, ECONOMICS	
	MATHEMATICS ² , OR LANGUAGE ¹	6 cr
	Foreign Service	
	LANGUAGE ¹	12 cr
	POLITICAL SCIENCE	6 cr
	FINE ARTS	6 cr
	ECONOMICS	6 cr
	BEHAVIORAL SCIENCE	6 cr
	Government and Community Service	
	ENGLISH EXPRESSION ³	6 cr
	BUSINESS-ECONOMICS	6 cr
	BEHAVIORAL SCIENCE	6 cr
	POLITICAL SCIENCE	6 cr
	MATH-COMPUTER SCIENCE	6 cr
	Teaching—Secondary Level	
	ENGLISH EXPRESSION ³	6 cr
	SOCIAL SCIENCES	12 cr
	BEHAVIORAL SCIENCE	6 cr
	PHILOSOPHY	6 cr
	Communications	
	ENGLISH AND COMMUNICATIONS	12 cr
	SOCIAL SCIENCE	6 cr
	BEHAVIORAL SCIENCE	6 cr
	BUSINESS, FINE ARTS, COMPUTER SCIENCE	6 cr
	Historical Preservation	
	ART, HISTORY, FINE ARTS ARCHAEOLOGY, SOCIOLOGY,	6 cr

ANTHROPOLOGY	9 cr
POLITICAL SCIENCE, ECONOMICS	9 cr
BUSINESS, ENGLISH EXPRESSION ³	6 cr
Management or Sales	
BUSINESS	12 cr
ENGLISH EXPRESSION ³	6 cr
MATH-COMPUTER SCIENCE	6 cr
SOCIAL SCIENCE,	
BEHAVIORAL SCIENCE	6 cr
LANGUAGE ¹	6 cr
Graduate School	
LANGUAGE ¹ , COMPUTER SCIENCE	6-12 cr
SOCIAL SCIENCE	6-12 cr
PHILOSOPHY	6 cr
ENGLISH EXPRESSION ³	6 cr

NOTE:

1. Language: Always through Intermediate
2. Mathematics: Emphasis upon Statistics or Computer Science
3. English Expression: Oral and Written Communication stressed.

REQUIREMENTS FOR A MINOR IN HISTORY

HIST 287	3 cr
Courses in Non-Western History,	
China, Latin America	6 cr
Courses in European History	6 cr
Courses in American History	<u>6 cr</u>
TOTAL CREDIT REQUIREMENT FOR A	
MINOR IN HISTORY	21 cr
Anyone wishing to obtain a minor in	
History must have the approval of the	
Chairman.	

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

HIST 275	Medieval Period, The Creation of Europe, 300 A.D.-1300 A.D.
HIST 277	Early Modern European Period, 1300-1800 An Age of Expansion and Revolution
HIST 287	The Nature of Historical Inquiry
HIST 294	The Ancient East
HIST 295	Ancient Greece
HIST 299	Ancient Rome
HIST 300	Byzantine and Arabic Civilization
HIST 301	Church and State in Early Europe
HIST 302	Origins of European State System
HIST 304	Renaissance and Reformation
HIST 306	Constitutional History of England: To Henry VII
HIST 307	Constitutional History of England: Henry VII to the Victorian Period

- HIST 308 History of Modern Asia: 1400-1900
- HIST 309 History of Modern Asia: 1900-Present
- HIST 311 History of China
- HIST 314 Nationalism and Communism in Modern China
- HIST 315 History of Russia to Mid-19th Century
- HIST 316 History of Soviet Union: The Russian Revolution
- HIST 317 History of Soviet Union: 1921-Present
- HIST 318 Twentieth Century America
- HIST 320 French Revolution and Napoleon
- HIST 321 Europe in the Seventeenth Century
- HIST 322 History of American Reform: 1620-1860
- HIST 323 History of American Reform: A Futuristic Approach
- HIST 324 American Diplomatic History: To 1898
- HIST 325 American Diplomatic History: Since 1900
- HIST 326 Europe in the Nineteenth Century
- HIST 327 Modern Germany: Bismarck to Hitler
- HIST 330 History of Black America: 1440-1865
- HIST 331 History of Black America: Reconstruction to the Present
- HIST 332 Early American History—Seminar
- HIST 334 Civil War and Reconstruction
- HIST 336 American Middle Period, 1789-1845
- HIST 337 American Colonial History
- HIST 338 Emergence of Modern America
- HIST 339 Roosevelt Summer Institute
- HIST 340 History of the Presidency of the United States: 1787-1865
- HIST 342 History of the Presidency of the United States: 1865-Present
- HIST 344 Europe in the Twentieth Century
- HIST 346 Birth of First Europe
- HIST 347 Emergence of Women in Western Civilization
- HIST 348 History of Latin America: To 1830
- HIST 349 History of Latin America: From Independence Movements
to the Present
- HIST 350 Early Europe Renaissances
- HIST 351 Research Seminar
- HIST 382 Chinese Intellectual History
- HIST 394 The Diplomatic History of Early Modern Europe
- HIST 439 Business History of U.S.: To 1865
- HIST 440 Business History of U.S.: 1865-Present
- HIST 649 History of Russia: 1850-1917
- HIST 664 Europe in the Eighteenth Century
- HIST 757 F.D.R. Seminar
- HIST 803 Inter-American Relations
- HIST 805 African History
- HIST 834 Special Topics in History I
- HIST 835 Special Topics in History II
- HIST 836 Special Topics in History III
- HIST 955 Revolutionary Movements in Latin America
- HIST 960 Race Relations in Latin America
- HIST 962 Women in the Great Books
- HIST 963 Seminar in Historical Preservation
- HIST 999 American Urban History
- HIST 1008 Black Political and Social Thought
- HIST 1009 History and Civilization of Mexico
- HIST 1065 History and Civilization of Argentina, Brazil and Chile

REQUIREMENTS FOR A BACHELOR OF ARTS IN POLITICAL SCIENCE

1.0	Course Requirements in Political Science	
	POSC 503	3 cr
	One Course selected from each of the following areas: Political Theory, American Government, International Politics and Comparative Politics	12 cr
	Five additional POSC Courses	<u>15 cr</u>
	CREDIT REQUIREMENT IN POLITICAL SCIENCE	30 cr
2.0	Course Requirement in Related Fields	
	None	
	CREDIT REQUIREMENT IN RELATED FIELDS	
	None	
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN POLITICAL SCIENCE	30 cr
3.0	Other Requirements	
	Graduate Record Examination in POLITICAL SCIENCE	
4.0	Recommended Courses	
	The following recommendations are made with respect to a student's vocational goal. Choices should be made in consultation with a faculty adviser.	
	Pre-Law	
	PHILOSOPHY	6 cr
	HISTORY	6 cr
	ENGLISH EXPRESSION ³	6 cr
	BEHAVIORAL SCIENCE	6 cr
	BUSINESS, ECONOMICS	
	MATHEMATICS ² , OR LANGUAGE ¹	6 cr
	Foreign Service	
	LANGUAGE ¹	6-12 cr
	HISTORY (INCLUDING NON-WESTERN)	6-12 cr
	FINE ARTS	6 cr
	LITERATURE	6 cr
	BEHAVIORAL SCIENCE	6 cr
	Public Administration	
	ENGLISH EXPRESSION ³	6 cr
	BUSINESS-ECONOMICS	6 cr
	BEHAVIORAL SCIENCE	6 cr
	HISTORY	6 cr
	MATHEMATICS ²	6 cr
	Teaching—Secondary Level	
	ENGLISH EXPRESSION ³	6 cr
	HISTORY	12 cr
	SOCIAL SCIENCE	6 cr
	PHILOSOPHY	6 cr

Graduate School (Political Theory)	
PHILOSOPHY	6-12 cr
HISTORY	12 cr
LANGUAGE ¹	6 cr
MATHEMATICS ²	0-6 cr
Graduate School (American Government)	
HISTORY	6-9 cr
MATHEMATICS ²	6-9 cr
LANGUAGE ¹	6 cr
Graduate School (International or Comparative Politics)	
PHILOSOPHY	6 cr
HISTORY (INCLUDING NON-WESTERN)	12 cr
LANGUAGE ¹	6 cr
MATHEMATICS ² or BEHAVIORAL SCIENCE	6 cr
Journalism	
ENGLISH EXPRESSION ³	12 cr
HISTORY AND NON-WESTERN STUDIES	12 cr
SOCIAL & BEHAVIORAL STUDIES	6 cr
General	
BUSINESS OR ENVIRONMENTAL STUDIES	6 cr
ENGLISH	6 cr
HISTORY	6 cr
SOCIAL AND BEHAVIORAL SCIENCES	6 cr
MATHEMATICS ² OR LANGUAGE ¹	6 cr

NOTE:

1. Language: Always through Intermediate
2. Mathematics: Emphasis upon Statistics of Computer Science
3. English Expression: Oral and Written Communication stressed.

In general electives should be selected from following areas: Natural Sciences, Religious Studies (especially Historical or Comparative), Philosophy, Computer Science, Literature

REQUIREMENTS FOR A MINOR IN POLITICAL SCIENCE

Introductory Level Course:	
POSC 503	3 cr
Upper Level Courses:	
One POSC Course from the following:	
POSC 669, 510, 511, 512, 670, 810	3 cr
One POSC Course from the following:	
POSC 515, 516, 517,	3 cr

513, 518, 519	3 cr
One POSC Course from the following:	
POSC 504, 506, 507, 521	3 cr
Three elective Courses	<u>9 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN POLITICAL SCIENCE	21 cr

Anyone wishing to obtain a minor in Political Science must have the approval of the Chairman.

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

- POSC 391 Special Topics in Political Science I
- POSC 392 Special Topics in Political Science II
- POSC 503 Introduction to Politics
- POSC 504 Contemporary Political Ideologies II
- POSC 506 Political Thought I
- POSC 507 Political Thought II
- POSC 508 Political Psychology
- POSC 509 Comparative Politics in Latin America
- POSC 510 American State and Urban Politics
- POSC 511 Issues in American Constitutional Law
- POSC 512 Political Parties and Pressure Groups
- POSC 515 Nationalism and Communism in Modern China
- POSC 516 Comparative Political Systems I: Great Britain and Western Europe
- POSC 517 Comparative Political Systems II: USSR and Eastern Europe
- POSC 518 International Politics
- POSC 519 International Law and Organization
- POSC 520 Political Culture
- POSC 521 Contemporary Political Ideologies I
- POSC 669 American National Government
- POSC 670 History of the Presidency of the United States: 1787-1865
- POSC 671-676 Work Internship in Political Science
- POSC 810 History of the Presidency of the U.S.: 1865-Present
- POSC 1010 Seminar on Law as a Profession
- POSC 1014 Comparative Political Systems III: Asia
- POSC 1015 Comparative Political Systems IV: Africa
- POSC 1018 Black Political and Social Thought
- POSC 1021 Sociology of the Black Community
- POSC 1070 Scope and Methods of Political Science
- POSC 1071 Public Administration

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN CRIMINAL JUSTICE

The program in Criminal Justice is designed to combine professional training in Criminal Justice with the broader experiences of the liberal arts. The distribution of course requirements, while emphasizing profes-

sional courses and experiences in the social and behavioral sciences, also includes work in the humanities and natural sciences.

Students who already possess the A.A.S. in police science or corrections administration are offered a selection of courses which build on their previous course experiences. Such students are admitted as junior year students.

Students entering as freshmen are offered professional training in police science through a cooperative program with Dutchess Community College.

A. **Four-Year Program in Criminal Justice**

1. Required Course Distribution

a. Criminal Justice	31-35 cr
b. Expression and Communication	15 cr
c. Mathematics and Science	12 cr
d. Social and Behavioral Science	30 cr
e. History and Civilization	6 cr
f. Social Values	3 cr
g. Physical Education	2 cr
h. Electives	17-21 cr

2. A large number of different courses may be used to satisfy requirements in each category. A listing of these courses may be obtained from the Registrar.

B. **Two-Year Program in Criminal Justice.** Limited to students with an accredited A.A.S. degree in police science or corrections administration.

1. A.A.S. degree	60 cr
2. Senior Seminar in Criminal Justice	6 cr
3. Expression and Communication	6 cr
4. Mathematics and Science	3 cr
5. Social and Behavioral Science	21 cr
6. History and Civilization	6 cr
7. Social Values	3 cr
8. Electives	15 cr

A listing of the courses which may be used to satisfy requirements in each category may be obtained from the Registrar.

In both programs, curriculum planning with a faculty adviser is considered very important.

The following courses are offered through a cooperative arrangement with Dutchess Community College and are required of criminal justice students in the 4-year program:

Course Numbers		Course Titles
Dutchess	Marist	
SCS 141	CRJU 1090	Law Enforcement and Administration of Justice
SCS 142	CRJU 1091	Criminology
PLS 201	CRJU 1092	Police Organization and Administration
SCS 263	CRJU 1094	Criminal Procedure I
SCS 264	CRJU 1095	Criminal Procedure II
PLS 205	CRJU 1096	Criminal and Scientific Investigation I
PLS 206	CRJU 1097	Criminal and Scientific Investigation II
PLS 207	CRJU 1098	Patrol Administration
SCS 262	CRJU 1093	Services to the Families

CRJU 985-986 Senior Seminar in Criminal Justice *Six Credits*

The seminar is intended as a culminating and synthesizing experience where the student may discuss and analyze his professional training and career choice in light of the experiences of the liberal arts curriculum. Problems and projections in the criminal justice system will be discussed.

HISTORY

HIST 275 Medieval Period, The Creation of Europe, 300 A.D.-1300 A.D.

Three Credits

The blending of classical, barbarian, and Christian strains to form the first Europe. The Development of monastic, feudal, imperial, and papal institutions, their conflicts, urbanization, birth of the universities and growth of medieval thought, development of national states, legal systems, and the English Parliament.

**HIST 277 Early Modern European Period, 1300-1800:
An Age of Expansion and Revolution**

Three Credits

Infusion of classical humanism into late medieval culture; Europe discovers and colonizes the Western Hemisphere. A chain of revolutions: religious, scientific, intellectual, agricultural, English, American, French.

HIST 287 The Nature of Historical Inquiry

Three Credits

This course is intended to introduce students to the variety of opinions regarding the nature and processes of historical inquiry. Using selected reading and research assignments, each student will be encouraged to deal with the problems of historical interpretation.

HIST 347 Emergence of Women in Western Civilization

Three Credits

This course will attempt to trace the development of the female image in the West down to the 19th Century. A special emphasis will be placed on the impact of Christianity, the Romantic Movement in the 12 Century, and the Renaissance and the 19th Century.

HIST 962 Women in the Great Books

Three Credits

An in-depth study of attitudes towards women in some of the Great Works in Literature—Homer, the Greek Dramatists, Plato, the Bible, Dante, Chaucer, etc.

Prerequisite: Permission of instructor

HIST 321 Europe in the Seventeenth Century*Three Credits*

A study of the development of France in the Seventeenth and early Eighteenth Centuries; particular emphasis will be placed on selected problems regarding France's internal development as well as her position on the continent and in the world.

HIST 664 Europe in the Eighteenth Century*Three Credits*

A study of England in the Eighteenth and early Nineteenth Centuries, with particular emphasis on the development of Parliamentary government as well as selected problems regarding England's position in the world at that time.

HIST 326 Europe in the Nineteenth Century*Three Credits*

The Napoleonic State, the liberal and social movements in England and on the Continent, the Metternich reaction, the Revolutions of 1848, the Bismarckian Era, the Balkan problem.

HIST 344 Europe in the Twentieth Century*Three Credits*

The course will consider the main trends in European history from 1914 to the present. Included will be discussions of the Treaty of Versailles, the Great Depression, Fascism, Stalinism, World War II and the Cold War.

HIST 315 History of Russia: To the Mid-Nineteenth Century*Three Credits*

A survey of Russia's historical development from the establishment of Kievan Rus to the reign of Alexander III, with an emphasis on the emergency of Muscovy, reigns of Peter I and Catherine I, and the social and political development of the Nineteenth Century.

HIST 649 History of Russia: 1850-1917*Three Credits*

This half traces the evolution of Russian history during the reigns of Alexander III and Nicholas II, the Russian Revolution of 1917.

HIST 316 History of the Soviet Union: The Russian Revolution*Three Credits*

The first half traces Russian revolutionary movements of the latter part of the 19th century; Russian Marxists and Lenin; The Russo-Japanese War; the Revolution of 1905; the Dumas; W.W. I and Russia; February and October Revolutions; the Civil War; and N.E.P.

HIST 317 History of the Soviet Union: 1921-Present*Three Credits*

The second half of this course deals with the Five-Year Plans; the Question of the Nationalities, Collectivization and Industrialization; the Structure of the Communist Party of the Soviet Union; Stalin's Purges; W.W. II; the Cold War; Khrushchev and De-Stalinization; the Communist World and the West; Brezhnev and Kosygin.

HIST 295 Ancient Greece*Three Credits*

Growth and conflict of the city states, the development of the Greek mind, the Hellenistic era; concentration is on Athens in the Fifth Century B.C.

HIST 299 Ancient Rome*Three Credits*

The development of the Roman character, of the Roman law and other Republican institutions, the rise and fall of the Roman Empire.

HIST 308 History of Modern Asia I*Three Credits*

This course covers the period from the coming of the Europeans in the Fifteenth Century to the eve of World War I. The emphasis will be put on the reactions of Asians to the Western impact on their ways of life.

HIST 309 History of Modern Asia II*Three Credits*

Covers the period from World War I to the present, with the emphasis on the interplay of nationalism and communism and on the American relations with Asian countries in this century.

HIST 311 History of China*Three Credits*

A survey of the civilization of China from the earliest times to the modern period. Political, social, economic, and religious developments.

HIST 346 Birth of First Europe*Three Credits*

Constitutional reforms and the establishment of christianity in the late Roman Empire; the impact of the Germanic barbarians and of the Moslems on Western Europe; monastic influences and the creation of the Carolingian Empire.

HIST 322 History of American Reform: 1620-1860*Three Credits*

Explores the period from 1620 to 1860 through the use of selective topics of American Reform. Taking Roger Williams, the Founding Fathers and the Abolitionists as major reformers, the course will assess what they tried to change, examine their methods, and determine a pattern for American Reform movements prior to the Civil War.

HIST 323 History of American Reform: A Futuristic Approach*Three Credits*

The course attempts a projection of the world as it might exist in the year 2000 with overpopulation, urban sprawl, pollution, and nuclear proliferation. Employing a problem solving approach, the reformer will construct alternative models of survival and possibly guarantee a future world.

HIST 330 History of Black America: 1440-1865*Three Credits*

A survey of the black man's involvement with Western Civilization from 1440 to 1865. The basis of black identity is traced through its origins in pre-historic and ancient African civilizations through the era of the slave trade to the Civil War. Social, economic and psychological implications of historical sequences are examined in black contexts. Readings, lectures, discussions.

HIST 331 History of Black America: Reconstruction to the Present*Three Credits*

The history of blacks in the United States is explored from Reconstruction to 1970. Interdisciplinary examinations of the social, political, legal and psychological systems of accommodation accorded blacks from 1870-1900 and 1905 to 1969 are examined in depth.

HIST 340 History of the Presidency: 1787-1865*Three Credits*

Also listed as POSC 670

This course surveys the evolution of the Office of the President from the Constitutional convention of 1787 through the administration of Abraham Lincoln. By using selected case studies, attention is focused on the personalities and the forces which shaped the office in the first 90 years of the history of the Republic.

HIST 342 History of the Presidency: 1865 to the Present *Three Credits*

Also listed as POSC 810

This course will deal with the transformation of the Office of the President from the Civil War to contemporary America. Through selected case studies, students will focus on the personalities and forces that have shaped our modern Presidency.

HIST 324 American Diplomatic History: To 1898 *Three Credits*

Organized along topical lines, Hist. 324 treats with the foundations of United States foreign policy through examination of six topics in diplomatic history to 1898: the diplomacy of the Revolution, American diplomacy in the era of the Napoleonic Wars, the Monroe doctrine, "Manifest Destiny," the diplomacy of the Civil War, and America's rise to world power from 1860 to 1898.

HIST 325 American Diplomatic History: Since 1900 *Three Credits*

The development of American foreign policy in the twentieth century is investigated through detailed study of five critical problems: American entry into World War I, Depression diplomacy and World War II, the origins of the Cold War, the diplomacy of the Cold War, and the future of American foreign policy.

HIST 439 Business History of the United States: To 1865 *Three Credits*

Topically organized, this course seeks to develop an understanding of the development and impact of Business upon American life through investigation of several broad topics from the colonial period to the Civil War. Included are the formation and growth of entrepreneurial spirit, the impact of business in the period of the American Revolution, diversification and business expansion before the Civil War, the rise of the American as foreign entrepreneur, and business in the Civil War.

HIST 440 Business History of the United States:

1865-Present

Three Credits

Selected topics in business are studied toward the objective of defining the impact of business on the United States. Among the topics are the rise of the "robber barons," social darwinism and business ethics, business and American markets abroad, the role of business in the two world wars, business and the depression, the military-industrial complex, and American entrepreneurial growth in the 1960s.

HIST 348 History of Latin America: To 1830

Three Credits

A study of Latin America up to the early Nineteenth Century. This will include the pre-Columbian civilizations, the age of discovery and exploration, the colonial period, and the independence movements.

**HIST 349 History of Latin America: From Independence
Movements to Present**

Three Credits

A study of Latin America from the end of the independence movements up to the contemporary period. This will include the period of national development in the Nineteenth Century and an analysis of certain contemporary issues.

HIST 294 The Ancient East

Three Credits

A study of the beginnings of civilized life in the valleys of the Nile, Tigris-Euphrates, and Indus. Terminating in the Fifth Century B.C., the course lays stress on the religious and intellectual contributions of these societies.

Prerequisite: HIST 287 or one course in non-American history or permission of instructor

HIST 300 Byzantine and Arabic Civilization*Three Credits*

Studies the blending of Greek, Roman, and Oriental traditions with Christianity to form a distinct culture in the Byzantine Empire and the revival of the Near East under the influence of Islam. Chronologically the course is bounded by the founding of the East Roman Empire (395 A.D.) and the fall of Constantinople (1453 A.D.).

Prerequisite: HIST 287 or one course in non-American history or permission of instructor

HIST 301 Church and State in Early Europe*Three Credits*

The Caesaropapism of Eusebius, the dualism of Gelasius, Carolingian Caesaropapism, the Gregorian Revolution, Papal Supremacy in Europe, Boniface VIII and the Feudal Monarchies.

Prerequisite: HIST 287 or one course in European history or permission of instructor

HIST 302 Origins of European State System*Three Credits*

The development of political institutions in Western Europe from the collapse of the Carolingian Empire to the birth of the feudal Monarchies, with particular emphasis on England, France and Germany.

Prerequisite: HIST 287 or one course in European history or permission of instructor

HIST 350 Early European Renaissances*Three Credits*

A review of reform and renewal ideas in Western Europe from the "Theodosian Renaissance" to the rise of the Universities. Emphasis is placed on the literary and artistic traditions of the classical world and their impact on the new peoples of Europe.

Prerequisite: HIST 287 or one European course or permission of instructor

HIST 304 Renaissance and Reformation*Three Credits*

An investigation of the origins of the "Italian Renaissance," definitions of that Renaissance and the impact of the spread of that Renaissance; emphasis is placed on literary and artistic movements. A study, further, of the Religious Reformation as part of the reform and renewal traditions of the West culminating with the settlements of 1648.

Prerequisite: HIST 287 or one European course or permission of instructor

HIST 394 The Diplomatic History of Early Modern Europe*Three Credits*

A study of the alliances, peace treaties, reversals, etc., through which nations in the developing European state system attempted to deal with international problems from the end of the Thirty Years War to the Congress of Vienna.

Prerequisite: HIST 287 or one European course or permission of instructor

HIST 320 French Revolution and Napoleon*Three Credits*

Traces the French Revolution from its causes to its culmination in the dictatorship of Napoleon.

Prerequisite: HIST 287 or one European course or permission of instructor

HIST 306 Constitutional History of England: To Henry VII*Three Credits*

A study of the development of the Laws and Constitution of Britain from the Saxons through the accession of Henry VII. Emphasis will be placed on such Saxon contributions as the Writ, the Reeve, the Witanagemot; on Norman and Angevin contributions in the area of Land Law, Courts, the Parliament.

Prerequisite: HIST 287 or one course in European History or permission of instructor

HIST 307 Constitutional History of England: Henry VII to the Victorian Period

Three Credits

A study of the development of the Laws and Constitution of Britain from the accession of Henry VII through the death of Victoria. Emphasis will be placed on the Tudor reforms, both legal and religious, the confrontation between the Stuarts and the Parliament, the course of development of the Parliament and the Cabinet system from the early Hanoverians through the major reforms of the Victorian era.

Prerequisite: HIST 287 or one course in European History or permission of instructor

HIST 327 Modern Germany: Bismarck to Hitler

Three Credits

A survey of the attitude of German liberals after the Congress of Vienna and the Revolutions of 1848; their relationship to the power politics of Bismarck and Prussian militarism. Germany and World War I. The Versailles Settlement and the problems under the Weimar Republic. Hitler and the roots of the Nazi Ideology.

Prerequisite: HIST 287 or one European course or permission of instructor

HIST 337 American Colonial History

Three Credits

A comprehensive view of economics, social, and cultural foundations of American life, with special attention to the conditions peculiar to New York and New England.

Prerequisite: HIST 287 or one course in American History or permission of instructor

HIST 332 Early American History—Seminar

Three Credits

A closer investigation of selected topics in colonial and early national history, with emphasis on the history of the Hudson Valley and early New York State.

Prerequisite: Permission of instructor

HIST 336 American Middle Period, 1789-1845

Three Credits

A concentration on the problems, the formation of the republic, the growth of the republic until the period just prior to the outbreak of the Civil War; emphasis will also be placed on the expansion of the American nation to the west.

Prerequisite: HIST 287 or one course in American History or permission of instructor

HIST 334 Civil War and Reconstruction

Three Credits

A study of America from 1848-1877, emphasizing the causes, the course, and the aftermath of the Civil War, with a consideration of the lingering effects of the conflict on American society, North and South.

Prerequisite: HIST 287 or one course in American History or permission of instructor

HIST 338 Emergence of Modern America

Three Credits

An investigation into and an analysis of the forces and movements of American life in the period from the end of Reconstruction through America's entrance in World War I. Special attention is given to social and intellectual developments during these years.

Prerequisite: HIST 287 or one course in American History or permission of instructor

HIST 318 Twentieth Century America

Three Credits

A study of selected issues of the American experience in the twentieth century. The course focuses on those developments which have been prominent in shaping contemporary American life.

Prerequisite: HIST 287 or one course in American History or permission of instructor

HIST 999 American Urban History

Three Credits

An introduction to and survey of the study of Urban America beginning with the Colonial Period through the rise of the "megapolis" in the mid-Twentieth Century.

HIST 1008 Black Political and Social Thought

Three Credits

Also listed as POSC 1018

A survey of the writings and activities of selected African, Afro-American and Afro-Caribbean thinkers and activists beginning with the pre-Civil War and pre-Colonial periods and extending to the present.

HIST 1009 History and Civilization of Mexico

Three Credits

The development of Mexico from pre-Columbian times to the present with special emphasis on Indian civilization, the Colonial period, the struggle for independence, and the Mexican Revolution. Reference to cultural high lights in art and literature to show how these are integrated into the course of history in Mexico.

HIST 1065 History and Civilization of Argentina, Brazil and Chile

Three Credits

A study of the development of these three countries from pre-Columbian times to the present. Special emphasis on the roles played by such diverse cultures as the native Indian, the transplanted African and the immigrating European in the formation of these nations.

HIST 955 Revolutionary Movements in Latin America since Independence

Three Credits

A study of the indigenous revolutionar movements in Latin America since Independence. Emphasis will be placed on the Mexican, Bolivian, Cuban and Chilean revolutions and on an understanding of Latin American revolutionary thought.

HIST 960 History of Race Relations in Latin America

Three Credits

An examination of relations between white, black and Indian in Latin America, emphasis is placed on the historical evolution of racial attitudes. Focal points will be the question of slavery, both of blacks and Indians, the impact of non-European cultures on Latin civilization, and comparative racial attitudes in the Americas.

HIST 803 Inter-American Relations

Three Credits

An overview of economic, social and cultural relations between the United States and Latin America from 1700 to the present. Emphasis will be placed on the formation of attitudes through the evolution of public and private efforts at Inter-American cooperation.

Prerequisite: One course in Latin American or American history or permission of instructor

HIST 314 Nationalism and Communism in Modern China

Three Credits

Also listed as POSC 515

A study of the interaction of the two movements of nationalism and communism in Twentieth Century China.

Prerequisite: HIST 287 or one Asian History course or permission of instructor

HIST 382 Chinese Intellectual History*Three Credits*

This course deals with the historical developments of Confucianism, Taoism, and Buddhism in China. The focus will be put on how they answered the basic questions of life.

Prerequisite: At least one non-Western history course and permission of instructor

HIST 757 F.D.R. Seminar*Three Credits*

An intense study of America in the 1930s and 1940s, with emphasis on the emergence of the New Deal; its nature and significance. Attention is also given to the development of F.D.R.; his apprenticeship for the White House; his role as chief administrator, as politician, as diplomat and as commander-in-chief during World War II.

Prerequisite: At least two courses in American History and/or permission of instructor

HIST 339 Roosevelt Summer Institute*Six Credits*

The description of the course outline is similar, but in greater depth, to the Roosevelt Seminar History 757. The Institute will be set up on a seminar-research basis. A coordinator will direct it at both the College (seminar) and at the Roosevelt Library (research). A research paper utilizing the archival materials (presidential papers) will be required. The Institute will include discussions with scholars engaged in research and surviving friends and acquaintances of President Roosevelt. Available audio-visual aids will be utilized; these will include film strips and records of the Roosevelt Era. Field trips to a number of places of historical interest in the Mid-Hudson area will be planned.

Prerequisite: Permission of instructor and/or two courses in American History

HIST 805 African History*Three Credits*

A course designed to give an understanding of contemporary Africa. By discussing present day developments in the light of past experiences the student will be introduced to the major forces which have helped to shape modern Africa.

Prerequisite: At least one course in history

HIST 834 Special Topics in History I*Three Credits***HIST 835 Special Topics in History II***Three Credits***HIST 836 Special Topics in History III***Three Credits*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the departmental/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific consent is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of instructor and chairman

HIST 963 Seminar in Historical Preservation*Three Credits*

Introduction to the modern historical preservation movement: types of historical preservation, purposes; relationship of preservation to other societal goals; preservation financing and law. Much of the course will consist of field work.

Prerequisite: See suggested freshman-sophomore courses listed on concentration outline

HIST 351 Research Seminar

Three Credits

In seminar and/or tutorial sessions students will become better acquainted with the tools of historical research and the authorities and significant trends of the particular field. A student will be expected to demonstrate his ability to write a well researched paper. Permission of the instructor is required.

Prerequisite: Permission of instructor

POLITICAL SCIENCE

POSC 503 Introduction to Politics

Three Credits

The fundamental aspects of political inquiry; nature of political process; political structures and functions; concepts of political stability and order; change and transition; political behavior.

POSC 508 Political Psychology

Three Credits

Also listed as PSYC 547

An interdisciplinary course which provides an integrated approach to basic areas of concern in psychology and political science. The course will be team taught by a psychologist and a political scientist.

POSC 1070 Scope and Methods of Political Science

Three Credits

An introduction to political science methodology. Major conceptual approaches, relationship between theory and research; concept-formation; research design and research methods.

Prerequisites: POSC 503, sophomore class status and above

POSC 506 Political Thought I

Three Credits

A survey of the development of ideas concerning the major problems of political theory. Selected writers of the ancient and medieval world will be studied; consideration of early ideas on constitutionalism, of representation and church-state relations.

Prerequisite: POSC 503 or one course in philosophy

POSC 507 Political Thought II

Three Credits

A study of selected theorists and theories of the period; emphasis will be placed on Marxism, fascism, liberalism, conservatism, and present day developments in political thought.

Prerequisite: POSC 503 or one course in philosophy

POSC 1071 Public Administration

Three Credits

This course introduces the student to the administrative aspects of governmental policy-making. The course covers theoretical approaches and methods of administration. Several policy areas treated from the administrative standpoint—housing, planning, environment.

Prerequisite: POSC 503 or permission of instructor

POSC 669 American National Government

Three Credits

A study of the American political system, analysis of the institutions of the national government and of the American political process. Political behavior and selected issue areas will also be studied.

Desirable: POSC 503 but not required

POSC 510 American State and Urban Politics

Three Credits

A study of the processes through which individuals and groups affect the decision-making process on the state and local level. The major issues confronting local areas are also considered. Emphasis will be placed on an analysis of urban politics.

Desirable: POSC 503 but not required

POSC 511 Issues in American Constitutional Law

Three Credits

A basic introduction to principles of American Constitutional Law. The course will seek to illustrate the development of these principles by reference to significant modern issue areas, i.e., civil liberties, segregation, federalism.

Prerequisite: POSC 503 or one course in American Government

POSC 512 Political Parties and Pressure Groups

Three Credits

The nature, composition, and organization of parties and pressure groups; the role played by these two forces in the political process; history and programs of parties and pressure groups.

Prerequisite: POSC 503 or one course in American Government

POSC 670 History of the Presidency: 1787-1865

Three Credits

Also listed as HIST 340

This course surveys the evolution of the Office of the President from the Constitutional convention of 1787 through the administration of Abraham Lincoln. By using selected case studies, attention is focused on the personalities and the forces which shaped the office in the first 90 years of the history of the Republic.

POSC 810 History of the Presidency: 1865 to the Present

Three Credits

Also listed as HIST 342

This course will deal with the transformation of the Office of the President from the Civil War to contemporary America. Through selected case studies, students will focus on the personalities and forces that have shaped our modern Presidency.

POSC 515 Nationalism and Communism in Modern China

Three Credits

Also listed as HIST 314

A study of the interaction of the two movements of nationalism and communism in Twentieth Century China.

Prerequisite: POSC 503

POSC 509 Comparative Politics in Latin America

Three Credits

Focusing on the key components in Latin American political systems, the course analyzes various aspects of politics, including functional elites, the military, the middle class, labor, peasant movements and the church. Comparative political structures are examined in the context of the role of political parties, extra-legal political opposition, and political adaptation and integration.

POSC 516 Comparative Political Systems I: Great Britain and Western Europe

Three Credits

Comparative analysis of political culture, ideology, institutional forms and functioning of Western European democracy, with emphasis on the British parliamentary system, post-Gaullist France and the German Federal Republic.

Prerequisite: POSC 503

POSC 517 Comparative Political Systems II: USSR and Eastern Europe

Three Credits

Analysis of the European Communist model in comparative political systems, with primary emphasis on the USSR and selected Eastern European variants. Inquiry into the relationship between ideology and experience in political culture.

Prerequisite: POSC 503

POSC 1014 Comparative Political Systems III: Asia

Three Credits

Study of Asian politics with emphasis on modern problems of internal development and foreign relations especially relations with the West; detailed analysis of political institutions and functioning of governments of Japan and India.

Prerequisites: POSC 503; advised to take history of Asia and Europe and POSC 518 and/or 519

POSC 1015 Comparative Political Systems IV: Africa

Three Credits

Study of post-independent Africa including effects of Colonial past and current political problems; detailed analysis of politics of selected states of East, West and South Africa.

Prerequisites: POSC 503; advised to take history of Africa and Europe and POSC 518 and/or 519

POSC 518 International Politics

Three Credits

Theories of international politics; political power; the struggle for power; policy of the status quo and prestige, imperialism; ideologies in international politics; national power and its limitations: the balance of power, international morality, world public opinion, disarmament, security, the U.N.; order through transformation: the world state and the world community; order through accommodations: diplomacy.

Prerequisite: POSC 503 or permission of instructor

POSC 519 International Law and Organization

Three Credits

Development of international institutions, structure functions and processes with emphasis on United Nations systems; study of nature, source, and function of international law.

Prerequisite: POSC 503 or permission of instructor

POSC 520 Political Culture

Three Credits

Examination of cultural and behavioral patterns characteristic of political society. The course will study such phenomena as political socialization, political conflict and consensus, the interaction of competing values within the polity.

Prerequisite: POSC 503

POSC 1018 Black Political and Social Thought

Three Credits

Also listed as HIST 1008

A survey of the writings and activities of selected African, Afro-American and Afro-Caribbean thinkers and activists beginning with the pre-Civil War and pre-Colonial periods and extending to the present.

POSC 1021 Sociology of the Black Community

Three Credits

Also listed as SOC 1020

A survey of the distinctive features of the Black Community. Survival and coping techniques as individual and group processes will be examined. The relationship of the Black Community to other segments of the U. S. community will be explored: education, administration of justice, drug abuse, economics of the ghetto, the family.

POSC 521 Contemporary Political Ideologies I*Three Credits*

Analysis of modern political belief systems and doctrine, and their role in the functioning of political systems. Emphasis is on contemporary aspects of democracy, fascism and communism, and current variants of liberalism, conservatism, right-wing extremism and the "New Left." *Prerequisite:* POSC 503

POSC 504 Contemporary Political Ideologies II*Three Credits*

This course follows POSC 521 and undertakes analysis of Marxism as an ideology and its variant forms among political movements, parties and programs.

Prerequisite: POSC 503; POSC 521 desirable

POSC 1010 Seminar on Law as a Profession*Three Credits*

This course is designed to familiarize students with the practice of law as a profession by providing reading, lectures, and field work in law and law-related activity, and to provide students with basis for making career choices.

Prerequisites: POSC 503; advised to take Constitutional Law and American Government; political theory and ideologies recommended

POSC 671-676 Work Internship in Political Science*One to Six Credits*

Selected students engage in work experiences with government and political agencies. Work in the agency, readings and a seminar project constitute the bases of the experience. Course credit will be assigned according to the nature of the internship. Permission of the faculty supervisor is required for admission to this course.

Prerequisite: POSC 503 and permission of instructor and chairman

POSC 391-392 Special Topics in Political Science I-II*Six Credits*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the departmental/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of instructor and chairman

INTERDISCIPLINARY

INTD 959 Urban Planning—Choices 76*Three Credits*

Choices 76 is a course in Urban Problems designed to tie in with the 31 county (New York, New Jersey, Connecticut) RPA Choices 76 Program. Involved is opinion formulation and tabulation in areas of poverty, transportation, housing, environment, urban growth, and government. The course is interdisciplinary at Marist, involving business, community relations, economics, aesthetics, religion, political science, natural sciences, psychology, etc., and will attempt to provide an integrated picture of urban problems and possible solutions.

INTD 992	Science of Man I	Three Credits
INTD 993	Science of Man II	Three Credits
INTD 994	Science of Man III	Three Credits
INTD 1034	Science of Man IV	Three Credits

This is a 12-credit course spanning 3 years and open only to those taking part in the three-year degree program. This course will focus on the question: What does it mean to be human? It will address this question by approaching the various disciplines through an integrative logic. The aims of this course are twofold: the answering of a question concerning human values and the acquiring of an inter-disciplinary logic.

LATIN AMERICAN STUDIES

WILLIAM C. OLSON, *Assistant Professor in History, Coordinator*
GERARD R. WEISS, *Professor of Spanish*

The Latin American Studies Program offers students the opportunity to complement their major field with an interdisciplinary experience that seeks to combine history, culture, language, literature, and other disciplines. Latin American Studies is a companion to a student's major, not a major field itself. Careful selection of electives permits the student to pursue a major field and the program in Latin American Studies.

REQUIREMENTS

1. A minimum of 36 credits, exclusive of courses in Spanish language proficiency.
2. Fluency in the Spanish language, which will include the completion of courses in advanced Spanish.
3. One year residence at a Latin American university.

REQUIREMENTS IN LATIN AMERICAN STUDIES

1.0	Course Requirements in Latin American Studies	
	SPAN 838	3 cr
	One SPAN course selected from the following:	
	SPAN 814, 839, 840	3 cr
	HIST 348, 349, 803	9 cr
	Marist Abroad Program:	
	Five courses studied abroad will be credited toward Latin American Studies requirements	<u>15 cr</u>
	CREDIT REQUIREMENT IN LATIN AMERICAN STUDIES	30 cr
2.0	Course Requirements in Related Fields	
	Two courses approved by Director of Latin American Studies	<u>6 cr</u>

CREDIT REQUIREMENT IN RELATED FIELDS	<u>6 cr</u>
TOTAL CREDIT REQUIREMENT IN LATIN AMERICAN STUDIES	36 cr

MODERN LANGUAGES

CASIMIR NORKELIUNAS, *Assistant Professor, Chairman*
GERARD R. WEISS, *Professor*
JOSEPH L. BELANGER, *Associate Professor*
MAURICE G. BIBEAU, *Assistant Professor*
FRANCOISE B. GREGG, *Assistant Professor*
SIGRID BRANDIS, *Lecturer*
TINA M. GIOIELLI, *Lecturer*

REQUIREMENTS FOR A BACHELOR OF ARTS IN FRENCH

1.0	Course requirements in French	
	FREN 254, 255	6 cr
	FREN 930, 931	6 cr
	FREN 252, 253, 646, 687	
	259, 260, 648	24 cr
	FREN 256-257 or 258-688	<u>6 cr</u>
	CREDIT REQUIREMENT IN FRENCH	42 cr
2.0	Course Requirements in Related Fields	
	Courses selected from the following areas:	
	Art, History, Philosophy, Psychology,	
	Religious Studies; other literatures,	
	other languages	<u>18 cr</u>
	CREDIT REQUIREMENTS IN RELATED FIELDS	<u>18 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN FRENCH	60 cr
3.0	Other Requirements	
	Graduate Record Examination or the Modern Language Association Foreign Language Tests, as recommended by the Department	

REQUIREMENTS FOR A MINOR IN FRENCH LANGUAGE STUDIES

FREN 244-245 (Waived if student qualifies for Advanced French)	6 cr
FREN 250-251 or 256-257 or 258-688	6 cr
Two Courses selected from the following:	
FREN 252, 687, 646, 259, 260	<u>6 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN FRENCH LANGUAGE STUDIES	12-18 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

FREN 242	Elementary French I
FREN 243	Elementary French II
FREN 244	Intermediate French I
FREN 245	Intermediate French II
FREN 250	Advanced French I
FREN 251	Advanced French II
FREN 252	Medieval and Renaissance Literature
FREN 253	Classical Literature
FREN 254	Backgrounds of French Civilization
FREN 255	Contemporary French Civilization
FREN 256	French Grammar and Composition I
FREN 257	French Grammar and Composition II
FREN 258	Advanced Reading and Conversation I
FREN 259	Twentieth Century French Novel and Criticism
FREN 260	Twentieth Century French Poetry and Drama
FREN 284	Special Topics I
FREN 285	Special Topics II
FREN 646	Nineteenth Century French Poetry and Drama
FREN 648	Senior Thesis
FREN 687	Nineteenth Century French Novel and Criticism
FREN 688	Advanced Reading and Conversation II
FREN 863	French Literature in Translation before 1900
FREN 864	Contemporary French Literature in Translation
FREN 930	Oral Interpretation I
FREN 931	Oral Interpretation II

REQUIREMENTS FOR A BACHELOR OF ARTS IN RUSSIAN

Basic Requirements

1. A total of 36-39 credits in upper level Russian language and English-taught courses dealing with the Russian area.
2. One year's study of language, literature, and Russian area offerings at a university in Russia, Yugoslavia, Germany or other European country as participant of the Marist Abroad Program.
3. Proficiency in Russian language.

Prerequisites: RUSS 585-587, 588-589, or RUSS 867, RUSS 868 or three to four years of high school Russian

1.0	Course Requirements in Russian	
	RUSS 592-593	6 cr
	Two RUSS courses selected from the following:	
	* RUSS 585, 596, 869, 870	<u>6 cr</u>

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|-----|---|---------------|
| | CREDIT REQUIREMENT IN RUSSIAN | 12 cr |
| 2.0 | Course Requirements in Related Fields | |
| | Two HIST courses selected from the following: | |
| | HIST 315-649, HIST 316-317 | 6 cr |
| | Marist Abroad Program: | |
| | In order to qualify, the candidate must have taken RUSS 586-589. RUSS 592-593 is recommended. During the full year's study at a European University, the student will probably take a total of 30 credits, of which 15 will apply to Russian Major. | <u>15 cr</u> |
| | CREDIT REQUIREMENT IN RELATED FIELDS | 21 cr |
| 3.0 | Recommended courses at Vassar College and S.U.N.Y. at New Paltz | |
| | A student may cross-register for the following courses through the Associated Colleges of the Mid-Hudson area: | |
| | Vassar: | |
| | RUSS 316-317, 340, 360, 361, 370-371 | |
| | New Paltz: | |
| | RUSS 366, 465, 466, 476 | |
| | Courses other than language which are related to the major | <u>3-6 cr</u> |
| | TOTAL CREDIT REQUIREMENT FOR A MAJOR IN RUSSIAN | 36-39 cr |
| 4.0 | Recommended courses in allied fields: | |
| | ECON 141 | |
| | ENG 230, 231 | |
| | HIST 314 | |
| | PHIL 456, 457 | |
| | POSC 507, 517, 518, 519, 521-504 | |
| | RUSS 622 | |
| 5.0 | Other Requirements | |
| | Modern Language Association Proficiency Test | |

REQUIREMENTS FOR A MINOR IN RUSSIAN AREA STUDIES

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|---|------|
| RUSS 588-589 or RUSS 868 or
RUSS 592-593 | 6 cr |
| Two Courses selected from the
following: | |

*Language credit given if some of the works covered in the course are read in the original Russian and written reports also submitted in Russian. Upper level RUSS courses denoted by asterisks.

HIST 315-649 or HIST 316-317	6 cr
Two Courses selected from the following:	
HIST 315-649 or 316-317 or	
RUSS 622 or 585-596	6 cr
TOTAL CREDIT REQUIREMENT FOR A MINOR IN RUSSIAN AREA STUDIES	18 cr

REQUIREMENTS FOR A MINOR IN RUSSIAN LANGUAGE STUDIES

RUSS 592-593, 585-586, 869, 870	18 cr
TOTAL CREDIT REQUIREMENT FOR A MINOR IN RUSSIAN LANGUAGE STUDIES	18 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

RUSS 585	Major Russian Writers I
RUSS 586	Elementary Russian I
RUSS 587	Elementary Russian II
RUSS 588	Intermediate Russian I
RUSS 589	Intermediate Russian II
RUSS 592	Advanced Russian I
RUSS 593	Advanced Russian II
RUSS 596	Major Russian Writers II
RUSS 622	Russian Study Tour
RUSS 867	Basic Intensive Russian I
RUSS 868	Basic Intensive Russian II
RUSS 869	Dostoevsky
RUSS 870	Tolstoy

REQUIREMENTS FOR A BACHELOR OF ARTS IN SPANISH

1.0	Course Requirements in Spanish	
	SPAN 607 or 608 or 614 or 615 or 681 or 682	15 cr
	Seven additional upper level Spanish Literature or Language courses denoted by asterisks	21 cr
	CREDIT REQUIREMENT IN SPANISH	36 cr
2.0	Course Requirements in Related Fields	
	Courses Selected from the following areas: Philosophy, Religious Studies, Social Sciences, Fine Arts, History, Political Science, Literatures of other Languages, Other Foreign Languages	24 cr

	CREDIT REQUIREMENT IN RELATED FIELDS	<u>24 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN SPANISH	60 cr
3.0	Other Requirements	
	Modern Language Association Proficiency Test or Graduate Record Examination as recommended by department.	
	ONE OUTSTANDING paper required in a senior level major course.	

REQUIREMENTS FOR A MINOR IN SPANISH LANGUAGE STUDIES

SPAN 605-606 or 917-918	6 cr
SPAN 607, 608	6 cr
Two Courses selected from the following:	
SPAN 612, 615, 616, 681, 682, 614	<u>6 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN SPANISH LANGUAGE STUDIES	18 cr

REQUIREMENTS FOR A MINOR IN SPANISH AREA STUDIES

Two Courses selected from the following:	
SPAN 602-603 or 605-606 or 917-918	6 cr
Two Courses selected from the following:	
SPAN 607 or 839; 608 or 840; or 814	6 cr
Two Courses selected from the following:	
SPAN 919-920 or 838 or 614 or 615 or 681-682	<u>6 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN SPANISH AREA STUDIES	18 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

SPAN 411	Special Topics in Spanish I
SPAN 412	Special Topics in Spanish II
SPAN 600	Elementary Spanish I
SPAN 601	Elementary Spanish II
SPAN 602	Intermediate Spanish I
SPAN 603	Intermediate Spanish II

- SPAN 605 Advanced Spanish I
- SPAN 606 Advanced Spanish II
- SPAN 607 Hispanic Civilization: Spain
- SPAN 608 Hispanic Civilization: Latin America
- SPAN 609 Spanish Composition I
- SPAN 610 Advanced Conversational Spanish I
- SPAN 611 Advanced Conversational Spanish II
- SPAN 612 Medieval Spanish Literature
- SPAN 613 Spanish Literature of the Eighteenth and Nineteenth Century
- SPAN 614 Contemporary Spanish Literature
- SPAN 615 Golden Age Drama
- SPAN 616 Cervantes
- SPAN 617 Seminar
- SPAN 681 Latin American Literature I
- SPAN 682 Latin American Literature II
- SPAN 693 Golden Age Prose and Poetry
- SPAN 695 Spanish Composition II
- SPAN 814 The Civilization of Puerto Rico
- SPAN 821 Basic Intensive Spanish I
- SPAN 822 Basic Intensive Spanish II
- SPAN 829 Spanish Study Tour
- SPAN 838 Latin American Literature in Translation
- SPAN 839 The Civilization of Spain
- SPAN 840 The Civilization of Latin America
- SPAN 917 Advanced Intensive Spanish I
- SPAN 918 Advanced Intensive Spanish II
- SPAN 919 Spanish Literature in Translation I: Epic Poetry and Drama
- SPAN 920 Spanish Literature in Translation: The Novel

FREN 242-243 Elementary French I-II

Six Credits

The elements of basic French pronunciation, essentials of grammar, vocabulary building, original sentence construction. Reading for meaning. Courses offered annually.

FREN 244-245 Intermediate French I-II

Six Credits

The elements of basic French are pursued more intensely and thoroughly. Courses offered annually.

FREN 250-251 Advanced French I-II

Six Credits

Intensive review of grammar followed by an analysis of more complex grammatical phenomena through the study of literary texts. Extensive use of idiomatic French in conversation and composition. Courses offered annually.

FREN 256*-257* French Grammar and Composition I-II

Six Credits

Thorough grounding in French grammar. *Analyse logique et grammaticale*. Grammatical analysis of literary texts. Writing by imitation. The *explication de texte*, the *dissertation*. Creative writing. Translation. Courses alternate annually with FREN 258-688.

FREN 258*-688* Advanced Reading and Conversation I-II

Six Credits

Reading of modern literary texts, newspapers, magazines as a basis for discussion. Free conversation based on topics of daily life and cultural interests. Courses alternate annually with FREN 256-257.

FREN 930*-931* Phonetics and Oral Interpretation I-II *Six Credits*

Public reading of French prose and poetry, with background work in phonetic transcription and in dictation. The course stresses accuracy of pronunciation and intonation. All work is conducted in French. Courses offered annually in France.

FREN 252* Medieval and Renaissance Literature *Six Credits*

A survey of French literature from its origins up to 1600; introductory exposition of the evolution of Vulgar Latin into Old French. Acquaintance in some depth with: *La Chanson de Roland*, Villon, Rabelais, Ronsard, Montaigne. Course offered every spring.

FREN 253* Classical Literature *Three Credits*

A study of French literature in the Seventeenth Century. Reading and analysis of Corneille, Molière, Racine; Descartes, Pascal; LaFontaine, Boileau, LaRoche-foucauld, LaBruyère, Bossuet. Course offered annually in France.

FREN 687* Nineteenth Century French Novel and Criticism *Three Credits*

A survey of Nineteenth Century novel through its most representative writers: Chateaubriand, Benjamin Constant, Stendhal, Balzac, Hugo, Flaubert, Zola, Maupassant, Taine, Sainte-Beuve. Study in depth of Realism and Naturalism. Historical, social and economic background of the period studied in relevance to the works. Offered every fall.

FREN 646* Nineteenth Century French Poetry and Drama *Three Credits*

A study of the major French Romantic, Parnassian, and Symbolist poets, and of the romantic and Naturalistic theatre. Stress is also laid on phonetic transcription and on poetic scansion. Offered every fall.

FREN 259* Twentieth Century French Novel and Criticism *Three Credits*

A survey of the Twentieth Century novel and criticism through its most representative writers: Proust, Gide, Malraux, Mauriac, Giono, Sartre, Montherlant, Martin du Gard, Camus, Butor, Robbe-Grillet, etc. New criticism: Roland Barthes, J. P. Richard, etc. Offered every spring.

FREN 260* Twentieth Century French Poetry and Drama *Three Credits*

A study of the major poets of the Twentieth Century, especially Claudel, Péguy, St.-John Perse, Eluard, and Char; and of the major dramatists since 1900, more particularly Jarry, Claudel, Giraudoux, Anouilh, Beckett, and Ionesco. Offered every spring.

FREN 648* Senior Thesis *Three Credits*

A long paper written in French and requiring the use of primary and secondary sources. Training in research methods and writing skills. Under the supervision of the instructor with periodic reports on the work in progress. Offered annually.

FREN 284-285 Special Topics I-II *Six Credits*

The "special topics" courses serve a two-fold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the departmental/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/

division may offer a typical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered annually.

FREN 863 French Literature in Translation before 1900 *Three Credits*
Also listed as ENG 212

A survey of major French authors previous to 1900. Readings in Villon, Rabelais, Montaigne, Pascal, Molière, Racine, Voltaire, Rousseau, Stendhal, Balzac, Flaubert.

FREN 864* Contemporary French Literature in Translation *Three Credits*
Also listed as ENG 213

A survey of major French authors since 1900. Readings in Baudelaire, Claudel, Péguy, St. John Perse; Proust, Malraux, Mauriac, St.-Exupéry, Sartre, Camus; Giraudoux, Ionesco, Beckett, Teilhard de Chardin.

FREN 254* Backgrounds of French Civilization *Three Credits*
The geography of France. The characteristic developments in French history, government, art, science, and religion up to 1914. Offered every fall.

FREN 255* Contemporary French Civilization *Three Credits*
Considerations of French family, religious, educational, political and social life since World War I. The nature of Frenchmen. The commitments of France today. Offered every spring.

GERM 264-265 Elementary German I-II *Six Credits*
Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading and writing. The classroom periods are supplemented by intensive practice in the language laboratory.

GERM 266-267 Intermediate German I-II *Six Credits*
A continuation of the elementary course. The Basic language skills are pursued more intensively and thoroughly.
Prerequisite: GERM 265 or sufficient background in German

GERM 269-270 Scientific German I-II *Six Credits*
A course designed to give science and math majors a reading knowledge of German. Extensive reading of German scientific texts.

GERM 652-653 Advanced German I-II *Six Credits*
Extensive use of idiomatic German in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language.
Prerequisite: GERM 267 or sufficient background in German

GRK 162 The Oedipus Theme in Greek Tragedy (In English) *Three Credits*
The course presents the appropriate background, the tragedy proper, and the Oedipus legend. Reading of Sophocles' plays.

GRK 620 Greek Antiquities *Three Credits*
A series of topics on the family, amusements, economy, political life, mythology, education, etc. of the Greeks. To be taught in English. Recommended for history majors.

GRK 618-619 Intermediate Greek I-II

Six Credits

Continued study in morphology and syntax with readings of excerpts from the best Greek authors.

Prerequisite: GRK 271-272

GRK 165 The Electra Theme in Greek Tragedy (in English)

Three Credits

The Electra theme will be studied in the works of three great tragedians, Aeschylus, Sophocles, and Euripides. The comparative study will also illuminate the evolution of the Greek tragedy itself in relation to literary forms, ideas of God, Man, Nemesis, Destiny, the inheritance of guilt and related concepts. A final comparative project will be the study of Eugene O'Neil's *Mourning Becomes Electra*.

GRK 945-946 Greek Mythology I-II

Six Credits

A study of classical mythology and its influence on western literature, with special emphasis on English and American literature. To be taught in English.

GRLT 637-638 Latin and Greek Etymology I-II

Six Credits

A study of the derivation of English words from Latin and Greek. To be taught in English. Recommended for English majors.

Prerequisite: LAT 361-362, GRK 271-272

ITAL 355-357 Elementary Italian

Six Credits

Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading and writing. The classroom periods are supplemented by intensive practice in the language laboratory.

ITAL 358-359 Intermediate Italian

Six Credits

A continuation of the elementary course. The basic language skills are pursued more intensively and thoroughly.

Prerequisite: ITAL 357 or sufficient background in Italian

ITAL 656 The Civilization of Italy

Three Credits

The main objective of this course is to acquaint the student with the contributions of Italy to Western Civilization with emphasis on Roman Renaissance and contemporary periods.

ITAL 657-658 Advanced Italian

Six Credits

Extensive use of idiomatic Italian in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language.

Prerequisite: ITAL 359 or sufficient background in Italian

LAT 361-362 Elementary Latin I-II

Six Credits

A modern approach to the study of Latin grammar and vocabulary. No previous knowledge of Latin required.

LAT 621-662 Roman Antiquities I-II

Six Credits

Studies on the population, religion, law, slavery, commerce and industry, daily life and amusements, etc. of the Romans. To be taught in English. Recommended for history majors.

LAT 363-364 Intermediate Latin I-II

Six Credits

Advanced study of grammar, stressing forms and syntax with easy readings from classical authors.

Prerequisite: LAT 361-362

LIT 934-936 Nobel Prize in Literature I-II

Six Credits

A study of outstanding works by Nobel prize winners like Mann, Gide, Hesse, Camus, Sartre, Mauriac, Pasternak, Soljenitzyn, etc. A literature and idea course. Literary analysis of the text and study of its human message in relation with its time.

RUSS 586-587 Elementary Russian I-II

Six Credits

Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading and writing. The classroom periods are supplemented by intensive practice in the language laboratory.

RUSS 588-589 Intermediate Russian I-II

Six Credits

A continuation of the elementary course. The basic language skills are pursued more intensively and thoroughly.

Prerequisite: RUSS 587 or sufficient background in Russian

RUSS 867 Basic Intensive Russian I

Six Credits

An intensive basic course utilizing an audio-lingual approach and a modified independent learning procedure, designed to give the beginning student a good foundation in the four skills of comprehension, speaking, reading and writing. The language lab and supplementary slides and films for both language and cultural exposure are provided.

RUSS 868 Basic Intensive Russian II

Six Credits

A continuation of Basic Intensive Russian I.

Prerequisite: RUSS 867

RUSS 622* Russian Study Tour

Three Credits

An inter-semester or summer travel-study course to the Soviet Union. Formal and informal language and cultural classes will be given during the trip.

Prerequisite: RUSS 867 and/or RUSS 588-589

RUSS 585* Major Russian Writers I

Three Credits

Also listed as ENG 230

Selective study of Nineteenth Century Russian short story, tale, and novel with an emphasis placed on the works of Pushkin, Lermontov, Gogol, Goncharov, Leskov, Turgenev, Tolstoy, and Dostoevsky. To be taught in English.

RUSS 596* Major Russian Writers II

Three Credits

Also listed as ENG 231

Selective study of Twentieth Century Russian drama, poetry, and prose with an emphasis placed on the works of Chekov, Gorky, Kuprin, Blok, Pasternak, Bunin, Sholokhov, Solzhenytsyn, and Nabokov. To be taught in English.

RUSS 869* Dostoevsky

Three Credits

Also listed as ENG 982

Reading and study of Feodor Dostoevsky's major works. Analysis of his art and ideas from social, psychological, religious, and literary perspectives. To be taught in English.

RUSS 870* Tolstoy

Three Credits

Also listed as ENG 983

Reading and study of Leo Tolstoy's major artistic prose. Analysis of the author's stylistic and ideological development in light of biographical fact. To be taught in English.

RUSS 592-593* Advanced Russian I-II *Six Credits*
Extensive use of idiomatic Russian in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language.
Prerequisite: RUSS 589 or sufficient background in Russian

SPAN 600-601 Elementary Spanish I-II *Six Credits*
Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading and writing. The classroom periods are supplemented by intensive practice in the language laboratory.

SPAN 602-603 Intermediate Spanish I-II *Six Credits*
A continuation of the elementary course. The basic language skills are pursued more intensely and thoroughly.
Prerequisite: SPAN 601 or sufficient background in Spanish

SPAN 821 Basic Intensive Spanish I *Six Credits*
An intensive basic course utilizing an audio-lingual approach and a modified independent learning procedure, designed to give the beginning student a good foundation in the four skills of comprehension, speaking, reading and writing. The language lab and supplementary films for both language and cultural exposure are provided.
Prerequisite: SPAN 603

SPAN 822 Basic Intensive Spanish II *Six Credits*
A continuation of Basic Intensive Spanish I.
Prerequisite: SPAN 821 or equivalent background.

SPAN 829 Spanish Study Tour *Three Credits*
An inter-semester or summer travel-study course in a Spanish speaking country. Formal and informal language and culture classes will be given during the trip.
Prerequisite: SPAN 602-603 or equivalent background

SPAN 919 Spanish Literature in Translation: Epic Poetry and Drama *Three Credits*
Also listed as ENG 198
A study of representative works in Spanish Epic Poetry, The Golden Age Drama and contemporary playwrights.

SPAN 920 Spanish Literature in Translation: The Novel *Three Credits*
Also listed as ENG 228
A study of the Spanish Picaresque Novel, the works of Cervantes and representative works of the XIX and XX centuries.

SPAN 838 Latin American Literature in Translation *Three Credits*
Also listed as ENG 276
A brief introduction to the origin and development of Latin American Literature followed by a selective study of the major twentieth century poets and novelists which include Borges, Machado de Assis, Vallejo, Neruda, Fuentes and Garcia Marquez.

SPAN 839 The Civilization of Spain *Three Credits*
A study of the Spain of today and the Spain of the past, its customs, culture, history, literature and fine arts. This course is offered in English and requires no knowledge of Spanish.

SPAN 840 The Civilization of Latin America *Three Credits*

A study of the culture, history, and fine arts of the Latin American countries: Mexico, Central America, the Caribbean area and South America. This course is offered in English and requires no knowledge of Spanish.

SPAN 814 The Civilization of Puerto Rico *Three Credits*

An in-depth study of Puerto Rico and its people, their history, culture, customs, literature and fine arts. This course is offered in English and requires no knowledge of Spanish.

SPAN 605-606 Advanced Spanish I-II *Six Credits*

Extensive use of idiomatic Spanish in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language.

Prerequisite: SPAN 603 or sufficient background in Spanish

SPAN 917 Advanced Intensive Spanish I *Six Credits*

An intensive advanced course designed for Spanish majors and students with sufficient background in Spanish. This course will be beneficial to students preparing to study in a Spanish speaking country. Advanced conversation and composition will be stressed, and at the same time the student will be exposed to Spanish and Latin American culture and civilization.

Prerequisite: SPAN 603 or a good secondary school background.

SPAN 918* Advanced Intensive Spanish II *Six Credits*

A continuation of Advanced Intensive Spanish I.

Prerequisite: SPAN 917

SPAN 607* Hispanic Civilization: Spain *Three Credits*

The cultural development of Spain through the study of its history, geography, literature and fine arts.

Prerequisite: SPAN 606 or sufficient background in Spanish

SPAN 608* Hispanic Civilization: Latin America *Three Credits*

The cultural development of Latin America through the study of its history, geography, literature and fine arts.

Prerequisite: SPAN 606 or sufficient background in Spanish

SPAN 609-695* Spanish Composition I-II *Six Credits*

Designed particularly for Spanish majors, this course offers intense written practice in Spanish. An introduction to linguistics and the history of the Spanish language are included.

Prerequisite: SPAN 606 or sufficient background in Spanish

SPAN 610-611* Advanced Conversational Spanish I-II *Six Credits*

Designed particularly for Spanish majors, the topics of conversation will center around the culture, history and literature of the Hispanic world.

Prerequisite: SPAN 606 or sufficient background in Spanish

SPAN 612* Medieval Spanish Literature *Three Credits*

From the earliest works of Spanish literature up to and including the literature of the Renaissance period.

Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 693* Golden Age Prose and Poetry *Three Credits*
A study of the outstanding poets and prose writers of the Golden Age period.
Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 613* Spanish Literature of the Eighteenth and Nineteenth Centuries *Three Credits*
Neo-classicism, Romanticism, Realism.
Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 614* Contemporary Spanish Literature *Three Credits*
The generation of 1898 to the present.
Prerequisite: Upper level Spanish language courses or sufficient background in Spanish.

SPAN 615* Golden Age Drama *Three Credits*
A detailed study of representative plays of Lope de Vega, Tirse de Molina, Calderon de la Barca, and several other dramatists of this period.
Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 616* Cervantes *Three Credits*
The life and writings of Cervantes with a detailed study of the Quijote.
Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 681*-682* Latin American Literature I-II *Six Credits*
A survey of the major trends in the literature of Latin America. Extensive reading of representative works.
Prerequisite: Upper level Spanish language courses or sufficient background in Spanish

SPAN 617* Seminar *Three Credits*
Intensive study of one movement, author, or literary characteristic.
Prerequisite: Completion of most of the major field requirements

SPAN 411-412* Special Topics in Spanish I-II *Six Credits*
The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the departmental/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Completion of most of the major field requirements

MATHEMATICS AND COMPUTER SCIENCE

JOSEPH M. RODGERS, *Assistant Professor, Chairman*
KEVIN J. CAROLAN, *Associate Professor*

JOHN LUMIA, *Assistant Professor*
 JOHN RITSCHDORFF, *Assistant Professor*
 JANET M. SCHILLINGER, *Assistant Professor*
 NORMAN OLIN, *Instructor*
 LINUS R. FOY, *Lecturer*

BACHELOR OF ARTS IN MATHEMATICS

- | | | |
|-----|---|--------------|
| 1.0 | Course Requirements in Mathematics | |
| | MATH 387-388, 397, 403-404, 405-406,
407 (or 399) | 24 cr |
| | CMSC 873 | 3 cr |
| | Additional upper level MATH courses
denoted by asterisk. (May include
EDUC 156) | <u>15 cr</u> |
| | CREDIT REQUIREMENT IN
MATHEMATICS | 42 cr |
| 2.0 | Course Requirements in Related Fields | |
| | None | |
| | TOTAL CREDIT REQUIREMENT FOR A
MAJOR IN MATHEMATICS | 42 cr |
| 3.0 | Other Requirements | |
| | None | |
| 4.0 | Recommended Courses | |
| | PHYS 477, 479 | |

REQUIREMENTS FOR A MINOR IN MATHEMATICS

- | | |
|--|-------------|
| MATH 387, 388, 397, 406, 407
(or 399), 405, 415 (or 1050) | 21 cr |
| CMSC 873 | <u>3 cr</u> |
| TOTAL CREDIT REQUIREMENT FOR
A MINOR IN MATHEMATICS | 24 cr |

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

- MATH 387 Analysis I
- MATH 388 Analysis II
- MATH 395 Introductory Statistics I
- MATH 396 Introductory Statistics II
- MATH 397 Analysis III
- MATH 399 Differential Equations
- MATH 403 Mathematical Analysis I
- MATH 404 Mathematical Analysis II
- MATH 405 Abstract Algebra
- MATH 406 Linear Algebra
- MATH 407 Linear Differential Equations
- MATH 408 Applied Mathematics I

MATH 409 Applied Mathematics II
 MATH 410 Complex Variables
 MATH 413 Probability and Statistics I
 MATH 414 Probability and Statistics II
 MATH 415 Numerical Analysis
 MATH 416 Fundamental Concepts of Geometry
 MATH 418 Seminar
 MATH 419 Elementary Topology
 MATH 420 Advanced Topics in Mathematics I
 MATH 421 Advanced Topics in Mathematics II
 MATH 651 Foundations of Mathematics
 MATH 667 Seminar
 MATH 871 Applied Mathematics: A Business Approach I
 MATH 872 Applied Mathematics: A Business Approach II
 MATH 938 Special Topics in Mathematics I
 MATH 939 Special Topics in Mathematics II
 MATH 1050 Operations Research
 CMSC 128 Computer Internship I
 CMSC 129 Computer Internship II
 CMSC 873 Introduction to Computing
 CMSC 927 Computational Models and Problem Solving
 CMSC 928 Programming Languages and Data Structures
 CMSC 929 Computer Organization and Programming

MATH 871-872 Applied Mathematics:

A Business Approach I-II

Six Credits

Sets, linear programming, vectors, matrix algebra, differential and integral calculus, games and queueing theory will be explored on all introductory level.

Prerequisite: For MATH 871: elementary algebra; for MATH 872: MATH 395 and MATH 871

MATH 395 Introductory Statistics I

Three Credits

Description of sample data, simple probability, the binomial and normal curves, estimation and testing of hypotheses, correlation and regression, the Chi-squared distribution.

Prerequisite: MATH 871; or intermediate algebra

Corequisite: CMSC 873

MATH 396 Introductory Statistics II

Three Credits

In depth study of correlation and regression methods and the Chi-square distribution. Experimental design, non-parametric techniques and specialized statistical techniques in the field of psychology.

Prerequisite: MATH 395

MATH 387 Analysis I

Three Credits

Introduction to functions, limits, and continuity. The elements of differentiation and integration.

Prerequisite: Four years of high school mathematics or MATH 871

MATH 388 Analysis II

Three Credits

Transcendental functions, their derivatives and related integrals, the conics, polar coordinates, methods of integration, applications of integration.

Prerequisite: MATH 387

MATH 397 Analysis III*Three Credits*

Solid analytic geometry, vectors, infinite series, partial differentiation, multiple integration.

Prerequisite: MATH 388

MATH 399 Differential Equations*Three Credits*

Solutions to linear and non-linear differential equations are generated by use of integration techniques, series, and transformations. Physical applications are stressed.

Prerequisites: MATH 397 and PHYS 477

MATH 406 Linear Algebra*Three Credits*

Abstract systems. Vector spaces and linear transformations. Matrices and matrix operations. Applications of matrices to linear equations. Characteristic value problems and quadratic forms.

MATH 407 Linear Differential Equations*Three Credits*

Theoretical development of solutions to linear differential equations is based on the concepts of linear algebra.

Prerequisite: MATH 406

MATH 405 Abstract Algebra*Three Credits*

Set theory. The real and complex number systems. Integral domains, fields and groups. Survey of such abstract structures as linear algebras, rings and Boolean algebra.

Prerequisite: MATH 406

MATH 415* Numerical Analysis*Three Credits*

An introduction to the fundamental processes of numerical analysis. Ordinary finite differences; central difference and divided differences; numerical solution of equations; numerical approximations to derivatives and integrals; numerical solutions to ordinary differential equations; matrices and simultaneous linear equations.

Prerequisite: MATH 388

MATH 651* Foundations of Mathematics*Three Credits*

Mathematical systems, mathematical logic and proof, the real number system. History and philosophy of mathematics. Readings in mathematical literature.

Prerequisite: MATH 406

MATH 1050* Operations Research*Three Credits*

An introduction to the methods and ideas of Operations Research. Topics would include programming methods, theories of strategy, simulation techniques; and study of transition.

Prerequisites: MATH 406 and CMSC 873

MATH 403-404 Mathematical Analysis*Six Credits*

The real and Complex Number Systems. Basic point set theory. Limits and continuity. Differentiation. Partial differentiation. Theory of Riemann-Stieltjes Integration. Multiple Integrals and line integrals. Vector Analysis. Differential Geometry. Infinite series. Improper Integrals. Fourier series and Fourier integrals.

Prerequisite: For MATH 403: MATH 397, For MATH 404: MATH 403

MATH 413-414* Probability and Statistics *Six Credits*

Probability. Distribution functions. Moments and moment generating functions. Regression and correlation. Sampling estimation. Testing of hypotheses. Design of experiments.

Prerequisite: For MATH 413: MATH 397, For MATH 414: MATH 413

MATH 419* Elementary Topology *Three Credits*

This course will develop the concepts of Point Set Topology with stress on the abstract notions of continuity, open sets, compactness, and the topological spaces—T₂, T₄, and Metric. The problem sets will be designed to aid the student in grasping the concepts of topology and to give him an opportunity to explore them on his own.

Prerequisite: MATH 403

MATH 410* Complex Variables *Three Credits*

Continuity; differentiability; Cauchy-Riemann equations; analytic functions. Complex integration and Cauchy's theorem. Taylor's theorem. Taylor and Laurent series. Residue theory, conformal mapping, harmonic functions.

Prerequisite: MATH 403

MATH 416* Fundamental Concepts of Geometry *Three Credits*

An introductory course to the concepts of geometry with emphasis on the strong relationship between algebra and geometry. Geometry is studied in terms of various transformations and their groups in the euclidean plane and is followed by a systematic treatment of affine, euclidean and projective spaces over fields with a brief survey of the other geometries.

Prerequisite: MATH 406

Corequisite: MATH 405

MATH 408-409* Applied Mathematics *Six Credits*

Selected topics in at least four of the following: Application of Differential Equations; matrices; complex variables; Fourier series. Laplace transformations. Partial Differential Equations, Algebra and Calculus of vectors; numerical methods.

Prerequisite: For MATH 408: PHYS 477, PHYS 479, MATH 406 and MATH 407 or MATH 399; For MATH 409: MATH 408

MATH 667* Seminar *One Credit*

MATH 418* Seminar *Two Credits*

Consists of weekly meetings to discuss problems relating to projects undertaken by the students.

Prerequisite: For MATH 667: MATH 404, For MATH 418: MATH 667

MATH 420-421* Advanced Topics in Mathematics I-II *Six Credits*

Designed for pregraduate mathematics students. Content covered will depend on student and faculty interest, and will be covered either by independent study, directed study, tutorials or seminars. Content will be from such areas as: Real Variable Theory, Topology, Modern Algebra.

Prerequisite: Permission of instructor

MATH 938-939* Special Topics in Mathematics I-II *Six Credits*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor.

Permission of the departmental/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of instructor and departmental chairman

CMSC 873 Introduction to Computing

Three Credits

A survey of computers and computer systems including the basic concepts of programming and various programming languages.

✓ **CMSC 927 Computational Models and Problem Solving**

Three Credits

Computer applications are stressed through the construction and interpretation of models.

Prerequisite: CMSC 873

CMSC 929 Computer Organization and Programming

Three Credits

This course provides an introduction to the structure and organization of digital computers.

Prerequisite: CMSC 873

CMSC 928 Programming Languages and Data Structures

Three Credits

The fundamental structure of algorithmic languages is the primary topic in this course.

Prerequisite: CMSC 927

CMSC 128-129 Computer Internship I-II

Six Credits

Supervised practical training in the field of Computer Science. Students who are interested in this program are required to know the essentials of at least one computer language.

Prerequisite: Permission of the Director of the Computer Center.

PHILOSOPHY

EDWARD P. DONOHUE, *Assistant Professor, Chairman*

D. A. DRENNEN, *Professor*

ITALO BENIN, *Assistant Professor*

THOMAS CASEY, *Assistant Professor*

XAVIER RYAN, *Assistant Professor*

REQUIREMENTS FOR A MINOR IN PHILOSOPHY

Introductory Level Courses

PHIL 429, 665

6 cr

Upper Level Courses

Two Historical

Philosophy Courses

6 cr

Two Genre Philosophy

Courses

6 cr

TOTAL CREDIT REQUIREMENT

FOR A MINOR IN PHILOSOPHY

18 cr

Students who wish to minor in Philosophy must get in contact with the departmental chairman for advisement in choosing Philosophy courses pertinent to the students' major field of study.

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

- PHIL 429 Philosophical Thinking I
- PHIL 441 History of Modern Philosophy I
- PHIL 443 History of Modern Philosophy II
- PHIL 445 American Pragmatism
- PHIL 446 Philosophy of Science
- PHIL 449 Philosophy of History
- PHIL 450 Philosophy of Education
- PHIL 451 Twentieth Century Philosophy I
- PHIL 454 Twentieth Century Philosophy II
- PHIL 455 Philosophy of Society
- PHIL 456 Marx and Marxism
- PHIL 447 Philosophy of Religion
- PHIL 457 European Social Thought
- PHIL 458 American Social Thought
- PHIL 665 Philosophical Thinking II
- PHIL 781 Aesthetics
- PHIL 809 History of Ancient Philosophy
- PHIL 837 History of Medieval Philosophy
- PHIL 879 Philosophy and Human Existence
- PHIL 940 Special Topics in Philosophy I
- PHIL 941 Special Topics in Philosophy II
- PHIL 942 Special Topics in Philosophy III
- PHIL 1030 Ethics
- PHIL 1031 Philosophy of Man I
- PHIL 1032 Philosophy of Man II

PHIL 429-665 Philosophical Thinking I-II

Six Credits

An introductory survey of the principal men, movements, and modes of conceptualization that have shaped Western Philosophical thought.

Prerequisite: For PHIL 665: PHIL 429

PHIL 879 Philosophy and Human Existence

Three Credits

The course is focused on the vital relationships of ideas, as they are expressed in philosophy, and man's life. Great emphasis will be put on the historical dimension of both man's ideas and man's being. Philosophy will be seen as man's historical reflection of himself upon himself, i.e., as the different ways in which man has defined himself in the course of history. This will lead us to the fundamental existential problem concerning the way in which man views himself today.

PHIL 809 History of Ancient Philosophy

Three Credits

A study of the major themes that formed Western philosophical tradition from the time of the pre-Socratics to Plotinus.

PHIL 837 History of Medieval Philosophy *Three Credits*
The historical emergence of Latin, Greek and Islamic philosophy from the period of the Alexandrines to the Fifteenth Century.

PHIL 441 History of Modern Philosophy I *Three Credits*
An analysis of the movements of philosophical ideas in Europe from the Seventeenth Century through the Nineteenth Century.

PHIL 443 History of Modern Philosophy II *Three Credits*
An analysis of the movements of philosophical ideas in Europe from the Nineteenth Century into the Twentieth Century. PHIL 441 is recommended but not required for PHIL 443.

PHIL 445 American Pragmatism *Three Credits*
A survey of the development of American Pragmatism from the latter part of the Nineteenth Century into the Twentieth Century. Readings are from primary sources in Peirce, James and Dewey.

PHIL 446 Philosophy of Science *Three Credits*
Analysis of scientific knowledge, methodology, and procedures, together with consideration of contemporary notions of space, time, matter, causality, physical laws and life phenomena. Special emphasis will be placed on the historical and social impact of the development of scientific and technological thought in today's world. Limited to Juniors and Seniors who are science majors.

PHIL 447 Philosophy of Religion *Three Credits*
An investigation of the philosophical issues regarding religious phenomena and the implications of religious experience.

PHIL 449 Philosophy of History *Three Credits*
An inquiry into the character of historiographical problems of evidence and explanations.

PHIL 781 Aesthetics *Three Credits*
Appraisal of the major theories and issues of a philosophy of art.

PHIL 450 Philosophy of Education *Three Credits*
This course is designed to aid the student in reflecting on the place and meaning of education in modern American society.

PHIL 451 Twentieth Century Philosophy I *Three Credits*
Historical consideration of classical philosophers of the Twentieth Century including Bergson, F. H. Bradley, and Royce.

PHIL 454 Twentieth Century Philosophy II *Three Credits*
A study of contemporary existentialism, phenomenology, and language analysis, as well as the philosophers most representative of each school.
PHIL 451 is recommended but not required for PHIL 454.

PHIL 455 Philosophy of Society *Three Credits*
Philosophical thought concerning the nature, purpose and forms of social organization.

PHIL 456 Marx and Marxism *Three Credits*
An analysis of the historical and philosophical ground of Marx's thought. A special emphasis will be placed on its originality, historical impact and humanistic meaning.

PHIL 457 European Social Thought*Three Credits*

An attempt to trace the development of European social thought in the Nineteenth Century, with particular emphasis on Hegel, Feuerbach, and Marx.

PHIL 458 American Social Thought*Three Credits*

A study of the religious and philosophical foundations of American social thought from the Puritans to the Pragmatists.

PHIL 1030 Ethics*Three Credits*

This course attempts to clarify man's ethos, which is understood as the creative force of those values that make man an ethical or moral being. There will be an analysis of the historical evolution of the problem in its essential differentiations leading to a critical understanding of the ethos of modern man. The historical divorce between truth and good (value free knowledge) will pose the fundamental theoretical question of ethics. What is the truth of man's good and what is the good of man's truth?

PHIL 1031-1032 Philosophy of Man I-II*Six Credits*

This is a two-semester course. The first semester is spent in studying a cross-disciplinary logic. This philosophical tool is then used by the students in the second semester to examine their own discipline. They are then tutored individually to present in lecture form their particular findings through the commonly shared knowledge.

Prerequisite: For PHIL 1032: PHIL 1031

PHIL 940 Special Topics in Philosophy I*Three Credits***PHIL 941 Special Topics in Philosophy II***Three Credits***PHIL 942 Special Topics in Philosophy III***Three Credits*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty member of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the department/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of the instructor

PHYSICAL EDUCATION

HOWARD GOLDMAN, *Associate Professor, Chairman*

WILLIAM AUSTIN, *Assistant Professor*

RONALD PETRO, *Assistant Professor*

LORRAINE CONKLIN, *Lecturer*

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

PHED 464	Physiology of Health
PHED 465	Principles and Problems of Coaching
PHED 468	Special Topics I
PHED 471	Soccer Coaching
PHED 472	Basketball Coaching
PHED 473	Track and Field Coaching
PHED 474	Baseball Coaching
PHED 690	Special Topics III
PHED 880	Golf
PHED 881	Volleyball
PHED 882	Badminton
PHED 883	Archery
PHED 884	Conditioning
PHED 885	Wrestling
PHED 886	Gymnastics
PHED 887	Tennis
PHED 888	Modern Dance I
PHED 889	Modern Dance II
PHED 890	Soccer
PHED 891	Judo
PHED 892	Boxing
PHED 893	Handball
PHED 894	Fencing
PHED 895	Rowing
PHED 896	Sailing
PHED 897	Skiing
PHED 1080	Basketball

PHED 890 Soccer

One Credit

An activity course teaching the rules, individual skills and team techniques in soccer. Stress will be on fundamental skills leading to the team play required for the sport.

PHED 895 Rowing

One Credit

Students are expected to learn the fundamentals of sweep rowing in eights and fours, and sculling in singles. Skills in rowing will be developed which may be used for participation during and after college. For men only.

Prerequisite: Ability to swim

PHED 885 Wrestling

One Credit

Designed to develop basic skills in wrestling with the primary emphasis on holds, take downs, counters to holds, and pinning combinations. Students are expected to develop an understanding of the rules of collegiate wrestling. For men only.

PHED 892 Boxing

One Credit

Students will be expected to develop knowledge, skills, and understanding of the basic fundamentals of boxing. Stress will be on skill rather than competitive aspect of the sport. For men only.

PHED 893 Handball

One Credit

An activity course to teach the student the skills, rules and strategy of handball and paddleball, with emphasis on the carry-over value of the activity. For men only.

PHED 882 Badminton*One Credit*

An activity course designed to develop an understanding of the game and its rules. Students are expected to be able to master the skills involved and to be able to use these skills in singles and doubles play. Separate sections for men and women.

PHED 881 Volleyball*One Credit*

An activity course designed to develop an understanding of the rules, individual skills and team play in volleyball. Emphasis will be placed on correct methods and skills in playing the game. Separate sections for men and women.

PHED 884 Conditioning*One Credit*

An activity course designed to promote physical fitness and an understanding of the body in today's living. Emphasis will be placed on exercise, weight control, developing physical potential and the mechanics of conditioning in daily living. Separate sections for men and women.

PHED 887 Tennis*One Credit*

An activity course stressing game fundamentals, technique, strategy and rules. Consideration will also be given to selection of equipment, court etiquette, and recreational value of the activity. Separate sections for men and women.

PHED 891 Judo*One Credit*

An activity course to develop knowledge, understanding, and skills in judo as a sport rather than as a combative activity. Separate sections for men and women.

PHED 894 Fencing*One Credit*

A study of fundamental techniques in use of the foil. Positions, terminology, offensive and defensive skills will be presented. Experience in elementary bouting and officiating. Participation is stressed. Separate sections for men and women.

PHED 888 Modern Dance I*One Credit*

Study and practice of dance techniques, movement components, composition and basic elements of choreography. Consideration of dance as a creative art experience. Coed.

PHED 889 Modern Dance II*One Credit*

Further study of dance techniques offered in Modern Dance I.

PHED 880 Golf*One Credit*

Instruction and practice in golf skills, evaluation of golf courses, rules, etiquette and strategy. Participation in actual play is a requirement of the course and a "greens fee" is the responsibility of the student. Emphasis on carry-over values stressed. A coed activity.

PHED 883 Archery*One Credit*

An activity course stressing beginning techniques of archery. Selection and care of equipment and safety will also be stressed. Emphasis will be on standard shooting techniques with some exploration of hunting and field archery techniques. A coed activity.

PHED 896 Sailing*One Credit*

Designed to develop basic seamanship and sailing techniques in the use of sailboats. Students are expected to develop skills in sailing which they can use for participation during and after their college years. A coed activity.

Prerequisite: Ability to swim at least 100 yards.

PHED 897 Skiing*One Credit*

An activity course designed for beginning skiers. Study of equipment, conditioning exercises and safety training for the sport will be included. All beginning skills are taught which will contribute to recreational skiing. A coed activity.

PHED 886 Gymnastics*One Credit*

A course designed for students to develop basic skills in tumbling, trampolining and free exercise. Emphasis is placed upon developing individual stunts into a routine. A coed activity.

PHED 1080 Basketball*One Credit*

An activity course designed to develop an understanding of the rules, individual skills and team play. Emphasis will be placed on the basic skills necessary for this sport.

PHED 464 Physiology of Health*Three Credits*

A study of the areas closely affecting the human organism in terms of his responsibility for self-direction of health. Areas covered include: introductory physiology in health, the effects of disease, physiology of reproduction, financial aspects and future trends in health and related areas.

PHED 465 Principles and Problems of Coaching*Three Credits*

An introduction to the role of the coach in high school coaching. Emphasis will be placed on his functions as a teacher and administrator in the area of coaching. Specific sports will not be dealt with. Focus will be put on general guidelines and relationships, administrative problems, and personal values. Developing from this will be the lab course dealing with the various sports.

No prerequisites.

PHED 471 Soccer Coaching*One Credit***PHED 472 Basketball Coaching***One Credit***PHED 473 Track and Field Coaching***One Credit***PHED 474 Baseball Coaching***One Credit*

A lab session meeting two times per week designed to be a practical application of PHED 465 dealing with specific activities. Emphasis will be on the techniques of teaching the activity to the athlete, the mechanical analysis of skills, and the problems associated with the activity.

Prerequisite or Corequisite: PHED 465

PHED 468 Special Topics I*One Credit***PHED 690 Special Topics III***Three Credits*

An independent study course designed to meet a special interest of the student interested in pursuing independent study. Permission for the study must come from the department chairman upon application by the student.

PSYCHOLOGY AND SOCIOLOGY

DANIEL KIRK, *Professor, Chairman*
WILLIAM R. EIDLE, *Associate Professor*
EDWARD J. O'KEEFE, *Associate Professor*
JOHN BREEN, *Assistant Professor*
JOHN A. SCILEPPI, *Assistant Professor*
DOLORES CAPUANI, *Lecturer*
CAGLE MOORE, *Lecturer*
ANN MULVEY, *Lecturer*
MARJORIE SCHATZ, *Lecturer*
JULIO VIVAS, *Lecturer*

WORK STUDY

The distinctive and culminating educational experience for a psychology major is the supervised work experience in the final semester. The uniqueness of the program was recognized at the American Psychological Convention in San Francisco in 1968. Since then more than 100 psychology graduates have completed the work experience and typically considered it the best aspect of their education at Marist.

Seniors have a choice of more than 25 work settings with professional supervision. The opportunity for clinical or research experience is available at such settings as: state hospitals, state schools, residential institutions, community schools, clinics, and laboratories. The on-the-job training exposes the student to such professional activities as: counseling, behavior modification, experimental design, token economies, assessment, and the diagnosis of learning disabilities. The major outcomes of the work experience are greater clarity and confidence in establishing career and educational plans, in addition to the broadening of one's psychological perspective.

CERTIFICATE IN SPECIAL EDUCATION

For the psychology major intent upon working with developmentally disabled children a special program was initiated in 1973. By the end of the Fall semester of junior year, the psychology major would have completed the 15 psychology credits required by the education department of the State of New York. The necessary education courses are taken at Mount Saint Mary College in Newburgh which also supervises the practice teaching experience in the fall of senior year. The last semester is spent in course work at Marist. The outcomes of this program are that the graduate has a solid major in psychology from Marist and provisional certification in special education from Mount Saint Mary College.

REQUIREMENTS FOR A BACHELOR OF ARTS IN PSYCHOLOGY

1.0	Course Requirements in Psychology	
	PSYC 525, 874-875, 979, 980, 981	23 cr
1.1	PSYC 576-577	12 cr
	Additional PSYC Courses selected from the following:	
	PSYC 533-534, 538, 544, 546, 547, 554, 565, 956, 975, 976 523, 527	<u>7 cr</u>
	CREDIT REQUIREMENT IN PSYCHOLOGY	42 cr
1.2	Course Requirements in Psychology for Special Education Certification	
	PSYC 525, 554, 677, 975, 976	22 cr
	Additional PSYC courses selected from the following:	
	PSYC 533, 534, 538, 544, 547, 565, 956	<u>8 cr</u>
		30 cr
2.0	Course Requirements in Related Fields	
	BIO 031-033, 034-035	8 cr
	MATH 395-396, CMSC 873	9 cr
	PHIL 429-665	<u>6 cr</u>
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>23 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN PSYCHOLOGY	65 cr
3.0	Other Requirements	
	Graduate Record Examination	
4.0	Recommended Courses	
	ANTH 009, 010	
	SOC 598	

REQUIREMENTS FOR A MINOR IN PSYCHOLOGY

PSYC 525	3 cr
Any three additional PSYC courses	<u>9 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN PSYCHOLOGY	12 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

PSYC 476	Supervised Research
PSYC 523	Special Topics in Psychology I
PSYC 525	Introductory Psychology I
PSYC 527	Special Topics in Psychology II

- PSYC 533 Personality Development
- PSYC 534 Personality Development and Psychopathology
- PSYC 538 Psychological Foundations of Learning
- PSYC 544 Social Psychology
- PSYC 546 Bio-Chemical Basis of Behavior
- PSYC 547 Political Psychology
- PSYC 554 The Exceptional Child
- PSYC 565 Theories of Personality
- PSYC 576 Supervised Work Experience I
- PSYC 577 Supervised Work Experience II
- PSYC 677 Educational Psychology
- PSYC 874 General Experimental Psychology and Lab I
- PSYC 875 General Experimental Psychology and Lab II
- PSYC 956 Introduction to Existential-Phenomenological Psychology I
- PSYC 975 Psychology of Child Development
- PSYC 976 Psychology of Retardation
- PSYC 979 Principles of Psychological Testing
- PSYC 980 Psychological Systems and Lab
- PSYC 981 Physiological Psychology and Lab
- SOC 569 Sociology of Religion
- SOC 598 Introduction to Sociology I
- SOC 599 Introduction to Sociology II
- SOC 977 Social Problems
- SOC 978 Urban Sociology
- SOC 915 Special Topics in Sociology I
- SOC 916 Special Topics in Sociology II
- SOC 937 Social Conflict and Religion
- SOC 1020 Sociology of the Black Community
- SOC 1022 Sociology of Peacemaking

PSYC 525 Introductory Psychology I

Three Credits

A fundamental treatment of the basic facts and theories comprising the science of psychology; exploration of the nature, scope, and methods involved in the scientific investigation of human behavior, stressing such topics as learning, emotions, personality, sensation, and perception.

PSYC 547 Political Psychology

Three Credits

Also listed as POSC 508

An interdisciplinary course which provides an integrated approach to basic areas of concern in psychology and political science. The course will be team taught by a psychologist and a political scientist.

PSYC 533 Personality Development

Three Credits

A study of the genesis, organization and development of the ego from infancy to adolescence. The emphasis is on normal personality development and follows the conceptualizations proposed by Ausubel and other ego theorists.

Prerequisite: PSYC 525

PSYC 534 Personality Development and Psychopathology

Three Credits

A continuation of Psyc 533 in which deviations in ego development are studied. Includes extensive treatment of anxiety, conscience development and parent-child relationships. Implications of psychotherapy are considered.

Prerequisite: PSYC 525 and 533

PSYC 874-875 General Experimental Psychology and Lab I-II

Eight Credits

A comprehensive course comprised of lectures and laboratory on the content material and methods of experimental psychology. Specific attention is focused on sensation, perception, psychophysical methods, scaling, reaction time, demand characteristics, literature critiques, and original application of the experimental method.

Prerequisite: For PSYC 874: PSYC 525, For PSYC 875: PSYC 525 and 874

PSYC 538 Psychological Foundations of Learning

Three Credits

The major emphasis of this course is with the learner in the learning situation. Current psychological theories and practices, their influences, implications, and applications are reviewed. Other areas covered include the developmental processes, the influence of personality and culture, and other relevant psycho-educational variables.

Prerequisite: PSYC 525

PSYC 979 Principles of Psychological Testing

Four Credits

This course encompasses an intensive review of the procedures involved in the administration, scoring, and interpretation of both group and individual tests; a study of the major theories and techniques of intelligence, aptitude and proficiency testing; a survey of interest and preference tests; and an evaluation of personality and diagnostic tests.

Prerequisite: PSYC 525

PSYC 677 Educational Psychology

Three Credits

Also listed as EDUC 540

The physical, emotional, intellectual and social development of the student with special emphasis on the relevance of these processes to the programs and procedures of the school.

Prerequisite: PSYC 525

PSYC 980 Psychological Systems and Lab

Four Credits

A study of the historical development of psychology as a science by detailed analysis of the various schools of thought, systems, and theories that have contributed to its growth. Attention is focused upon the philosophical roots of psychology as well as past and current trends in sensation, perception, learning and motivation.

Prerequisite: PSYC 525

PSYC 544 Social Psychology

Three Credits

Review of the basic literature in Social Psychology. The behavior of individuals in relation to personality, social and cultural systems.

Prerequisite: PSYC 525

PSYC 981 Physiological Psychology and Lab

Four Credits

History of the Mind-Body Problem, and the mind-body relationship as it is understood today. Emphasis is on the nervous system, particularly the brain. Psychosomatic and somatopsychological problems are discussed.

Prerequisite: PSYC 525

PSYC 546 Bio-Chemical Basis of Behavior *Three Credits*

History and development of the mind-body relationship and a brief review of the nervous system. Particular emphasis is on the endocrine system and its effects on behavior. Psychosomatic and somatopsychological problems related to the function and dysfunction of the endocrine system are discussed.

Prerequisite: PSYC 525

PSYC 554 The Exceptional Child *Three Credits*

Introduction to and study of various disability groups and the gifted. Emphasis is placed upon social-psychological and educational perspectives.

Prerequisite: 525

PSYC 565 Theories of Personality *Three Credits*

The course includes personality theories that have had an impact in psychology. Each theory is critically evaluated against a set of criteria required for any theory of personality.

Prerequisite: 525

PSYC 956 Introduction to Existential-Phenomenological Psychology I *Three Credits*

Traditional psychology will be critiqued from an existential-phenomenological perspective. The concepts of this perspective will be presented with particular reference to their applications in psychology.

Prerequisite: PSYC 525

PSYC 975 Psychology of Child Development *Three Credits*

Physical, intellectual, emotional and social aspects in the development of the personality of the child to early adolescent period.

Prerequisite: PSYC 525

PSYC 976 Psychology of Retardation *Three Credits*

The nature, growth and needs of the mentally retarded; casual factors of mental retardation; concomitant and secondary disorders of behavior; development of an educational program based on psychological principles.

Prerequisite: PSYC 525

PSYC 576-577 Supervised Work Experience I-II *Twelve Credits*

This is a culminating experience designed for all senior majors in psychology. It consists of actual work experience under the direction of the professional staff of the participating agency in cooperation with the members of the department.

Prerequisite: PSYC 525-526; 536-537; 539

PSYC 476 Supervised Research *Three Credits*

This is a culminating experience designed for interested senior majors in psychology. It consists of the student designing and executing a research proposal under the direction of one of the members of the department.

PSYC 523 Special Topics in Psychology I *Three Credits*

PSYC 527 Special Topics in Psychology II *Three Credits*

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the departmental/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of the Chairman of the Department.

SOC 569 Sociology of Religion

Three Credits

Also listed as REST 910

An introduction to the scientific study of religion, which is anthropological, psychological and sociological. A study of how cultural systems, human individuals and social structures influence religion, and how religion in turn influences them.

SOC 598 Introduction to Sociology I

Three Credits

Introduction to the sociological framework for the understanding of human behavior, through a study of social organization, culture, socialization, primary groups, associations, collective behavior, population, and human ecology.

SOC 599 Introduction to Sociology II

Three Credits

Applications of the sociological concepts introduced in the first semester to the areas of the family, religion, education, minorities, and crime. An investigation of the major trends in contemporary society through a study of urban, industrial, and political man.

SOC 977 Social Problems

Three Credits

An analysis of persistent and developing problem areas in American sociology; family, education, politics, economics, race and social deviance.

Prerequisite: SOC 598-599

SOC 978 Urban Sociology

Three Credits

Composition, patterns of growth and decline, urban ecological patterns, metropolitan planning, urban regions, social structure of cities and problems of urban living.

Prerequisite: SOC 598-599

SOC 937 Social Conflict and Religion

Three Credits

Also listed as REST 583

An indepth analysis of specific issues which shows that religion not only supports and legitimates the *status quo*, but also brings about revolutionary social change. A consideration of religious motifs, explicit and implicit, at work in the social conflicts of our day.

SOC 1020 Sociology of the Black Community

Three Credits

Also listed as POSC 1021

A survey of the distinctive features of the Black Community. Survival and coping techniques as individual and group processes will be examined. The relationship of the Black Community to other segments of the U.S. community will be explored: education, administration of justice, drug abuse, economics of the ghetto, the family.

SOC 1022 Sociology of Peacemaking

Three Credits

Also listed as REST 1060

An analysis of the dynamics of peacemaking, exploring this phenomenon on its sociological dimensions. A study of the processes and ideologies through which individuals and groups pursue peace as an ultimate concern on personal, communal, national, and transnational levels.

SOC 915-916 Special Topics in Sociology I-II

Six Credits

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the departmental/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

RELIGIOUS STUDIES

EUGENE C. BEST, *Assistant Professor, Chairman*
FLORENCE MICHELS, *Associate Professor*
RONALD PASQUARIELLO, *Assistant Professor*
LAURENCE J. SULLIVAN, *Assistant Professor*
R. RHYS WILLIAMS, *Assistant Professor*

REQUIREMENTS FOR A MINOR IN RELIGIOUS STUDIES

Two Courses selected from
the following:

REST 901, 902, 904,
905, 566

6 cr

Five other REST Courses

15 cr

TOTAL CREDIT REQUIREMENT FOR A
MINOR IN RELIGIOUS STUDIES

21 cr

The student is required to select a member of the Department of Religious Studies to serve as his adviser and to obtain the approval of the chairman of the Department for his choice. The adviser will guide the student in the selection of Courses and pursuit of the plan of study.

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

REST 548 Contemporary Judaism
REST 549 Religion and Politics
REST 552 Religion and American Religious Thought
REST 560 Economics and Ethics
REST 562 Christianity in Crisis
REST 566 Comparative Religion
REST 570 Faith and Human Experience
REST 571 Contemporary Religious Education
REST 574 Contemporary Moral Problems
REST 575 Dynamics of Religious Education
REST 578 Marriage and the Family

- REST 579 Man's Search for Meaning
- REST 580 Religion and the Cinema
- REST 583 Social Conflict and Religion
- REST 816 Religious Themes in Literature
- REST 817 Contemporary Western Religious Thought
- REST 901 Basic Concepts of Religion
- REST 902 Religion in America
- REST 903 Special Topics in Religion II
- REST 904 Introduction to the Hebrew Bible
- REST 905 Introduction to the New Testament
- REST 906 Principles of Christianity
- REST 907 Principles of Judaism
- REST 908 Eastern Religious Traditions
- REST 909 Worship of the Future
- REST 910 Sociology of Religion
- REST 911 Religion and Culture
- REST 912 Archaeology and the Bible
- REST 913 Advanced Study of Sacred Scriptures
- REST 914 Seminar in Contemporary Western Religious Thought
- REST 923 Special Topics in Religion I
- REST 932 Special Topics in Religion III
- REST 1060 Sociology of Peacemaking

INTRODUCTORY COURSES

REST 901 Basic Concepts of Religion

Three Credits

An introduction to the study of religion, addressing such central problems as the existence of God, religious experience, and current treatments of the problem of religious language.

REST 902 Religion in America

Three Credits

An introduction to the study of religion in America, tracing the interrelationships of Judaism, Catholicism and Protestantism in a predominantly Protestant land. The influence of religion on American culture, and the cultural dimensions of American religion.

REST 904 Introduction to the Hebrew Bible

Three Credits

A study of the history and literature of ancient Israel tracing the development of its theological tradition with attention to its meaning for the modern world.

REST 905 Introduction to the New Testament

Three Credits

A study of the history and life of the early Christian church with emphasis on the basic themes of the New Testament and their impact on contemporary man.

REST 906 Principles of Christianity

Three Credits

A contemporary approach to the study of fundamental Christian principles beginning with an examination of human existence and centering on the person of Jesus viewed from the perspective of the modern world.

REST 907 Principles of Judaism

Three Credits

A description of the fundamental concepts of Judaism and a discussion of the place of this religion in today's world.

REST 908 Eastern Religions Traditions *Three Credits*
A study of the religions of India and east Asia including Hinduism, Buddhism, Confucianism, Taoism, and Shinto.

REST 566 Comparative Religion *Three Credits*
A study of religious expressions in the following dimensions: ritual, mythological, doctrinal, ethical, social, experiential. Selected religious groupings will be probed in an effort to ascertain basic assumptions: concept of divinity; attitude toward afterlife; approach to mystery of evil; position of sacred writings.

REST 570 Faith and Human Experience *Three Credits*
An analysis of the theological, historical and phenomenological approaches to faith as developed within the vital currents of modern thought.

REST 571 Contemporary Religious Education *Three Credits*
Approaches to religious education in the family, the neighborhood, the nation, and the world.

REST 817 Contemporary Western Religious Thought *Three Credits*
A survey of twentieth century American religious thought with attention to the relationship between philosophy and theology. Discussions of selected writings of modern American religious thinkers.

REST 909 Worship of the Future *Three Credits*
A study of the liturgical movement from national and western biblical religions toward the convergence of world religion. The claims of Judaism, Catholicism and Protestantism to celebrate unity with God and the unity of mankind contrasted with their past "holy wars" and present shifting alignments.

REST 910 Sociology of Religion *Three Credits*
Also listed as SOC 569
An introduction to the scientific study of religion, which is anthropological, psychological, and sociological. A study of how cultural systems, human individuals and social structures influence religion, and how religion in turn influences them.

REST 912 Archaeology and the Bible *Three Credits*
A study of the methods, techniques and results of archaeological investigations related to the bible, and a critical analysis of the relationship of archaeology and the bible.

REST 816 Religious Themes in Literature *Three Credits*
Also listed as ENG 167
An interdisciplinary study of significant themes in contemporary literature and their relationship to man and the human situation.

REST 562 Christianity in Crisis *Three Credits*
A study of how the church, which has changed and is changing, may change yet more. A search for what is authentically Christian and catholic in American life, as distinguished from what is part of an Old World cultural heritage.

REST 911 Religion and Culture *Three Credits*
Also listed as ANTH 824
An introduction to cultural anthropology, with focus on religion as a cultural universal. The study of cultural differences and determinants suggests new understandings of religious differences and functions in the human family.

REST 549 Religion and Politics*Three Credits*

A study of politics in religion and religion in politics. The use and abuse of religion by political authorities, the use and abuse of the socio-economic order by religious authorities. Focus on Third World areas.

REST 560 Economics and Ethics*Three Credits*

The American economic and ethical systems, interrelated parts of the total American cultural system, are studied in the context of human values and human needs, especially those of Third World peoples. This is a search for moral consensus, an effort to foster a deeper sense of human concern.

REST 552 Religion and American Religious Thought*Three Credits*

An in depth study of institutional forms and their interactions with political, economic, educational and social structures. Emphasis on the determinative nature of American Protestantism on American culture.

REST 580 Religion and the Cinema*Three Credits*

This course will examine the religious dimensions of contemporary movies. Selected feature films will be viewed and discussed from the point of view of the religious issues raised that relate to man's ultimate concerns—for example, faith, revelation, death, transcendence, God, evil, formal religion.

ADVANCED COURSES

REST 548 Contemporary Judaism*Three Credits*

A study of current Jewish thought as expressed in the writings of major Jewish religious thinkers.

Prerequisite: REST 907, or its equivalent.

REST 574 Contemporary Moral Problems*Three Credits*

An in depth study of contemporary problems in human behavior.

REST 575 Dynamics of Religious Education*Three Credits*

A study in depth of the principles of religious education: the notions of person, revelation, faith, the church and sacrament. A study of the relationship between human experience and religious experience to determine the usefulness of drawing upon the former to create the latter.

REST 578 Marriage and the Family*Three Credits*

Also listed as SOC 998

Positive values in marriage studied within religio-sociological framework. Consideration of practical and moral aspects of marriage and family life.

Prerequisite: Permission of the instructor is required.

REST 579 Man's Search for Meaning*Three Credits*

Man's search for meaning in modern life. Discussion based on selected books concerning critical areas in the life cycle as calling for a religious response.

Prerequisite: Permission of the instructor is required.

REST 913 Advanced Study of Sacred Scriptures*Three Credits*

Seminar in selected aspects of the study of sacred scriptures. Topics announced annually.

Prerequisite: An introductory course in the study of sacred scriptures.

REST 914 Seminar in Contemporary Western Religious Thought

Three Credits

A reading seminar studying significant twentieth century western religious thinkers or schools of thought. Topics announced annually.

Prerequisite: Permission of the instructor is required.

REST 1060 Sociology of Peacemaking

Three Credits

Also listed as SOC 1022

An analysis of the dynamics of peacemaking, exploring this phenomenon on its sociological dimensions. A study of the processes and ideologies through which individuals and groups pursue peace as an ultimate concern on personal, communal, national, and transnational levels.

REST 583 Social Conflict and Religion

Three Credits

Also listed as SOC 937

An in depth analysis of specific issues which shows that religion not only supports and legitimates the *status quo*, but also brings about revolutionary social change. A consideration of religious motifs, explicit and implicit, at work in the social conflicts of our day.

REST 923 Special Topics in Religion I

Three Credits

REST 903 Special Topics in Religion II

Three Credits

REST 932 Special Topics in Religion III

Three Credits

The "special topics" courses serve a twofold purpose. They serve as a vehicle for students pursuing a study on an independent basis under the direction of a faculty mentor of a topic which is not covered by the regularly catalogued courses in the academic discipline. The student is required to prepare an outline of the proposed study and must secure a faculty member to serve as mentor. Permission of the departmental/divisional chairman is required.

"Special topics" courses also serve as a vehicle by which a department/division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of the Chairman of the Department

NATURAL SCIENCE

GEORGE B. HOOPER, *Professor, Chairman of the Division*

BIOLOGY

GEORGE B. HOOPER, *Professor*

HUGH P. TURLEY, *Associate Professor*

JOSEPH S. BETTENCOURT, *Assistant Professor*

WILLIAM T. PERROTTE, *Assistant Professor*

JANE HUBBARD, *Instructional Assistant*

REQUIREMENTS FOR A BACHELOR OF ARTS IN BIOLOGY

- | | | |
|-----|---------------------------------------|--------------|
| 1.0 | Course Requirements in Biology | |
| | BIO 031-033, 034-035, 043 | 9 cr |
| | Additional BIO Courses selected | |
| | from the following: | |
| | BIO 036, 037, 026, 027, 041, 042, | |
| | 725, 045, 046, 047, 049, 051, | |
| | 848, 080, 961, 952, 997, 1056 | <u>23 cr</u> |
| | CREDIT REQUIREMENT IN BIOLOGY | 32 cr |
| 2.0 | Course Requirements in Related Fields | |
| | CHEM 634-081, 087-088 | 10 cr |
| | Additional Courses selected | |
| | from the following: | |
| | MATH 387, 388, 395, 396, 397 | |
| | CMSC 873 | |
| | PHYS 477, 479, 481, 483 | |
| | CHEM 102, 105, 089-090, 108, 109, | |
| | 110, 118, 113-114, | |
| | 099-100, 120, 121 | |
| | ENSC 241, 950-951 | |
| | ERSC 678-597 | |
| | ANTH 009-010 | |
| | GERM 269-270 | |
| | PHIL 446 | |
| | PSYC 545, 546 | |
| | SCI 935 | <u>20 cr</u> |
| | Other science related courses may | |
| | be taken with the consent of the | |
| | adviser and division chairman | |
| | CREDIT REQUIREMENT IN RELATED | |
| | FIELDS | <u>30 cr</u> |
| | TOTAL CREDIT REQUIREMENT FOR A MAJOR | |
| | IN BIOLOGY | 62 cr |
| 3.0 | Other Requirements | |
| | None | |
| 4.0 | Recommended Courses | |
| | None | |

REQUIREMENTS FOR A MINOR IN BIOLOGY

- | | | |
|--|--------------------------------|--------------|
| | BIO 031, 033, 034-035 | 8 cr |
| | CHEM 634, 081, 087, 088 | 10 cr |
| | Four Courses selected from | |
| | the following: | |
| | BIO 036, 037, 027, 026, | |
| | 040, 041, 042, 725, 045, | |
| | 046, 047, 049, 051, 847, | |
| | 848, 080 | <u>12 cr</u> |
| | TOTAL CREDIT REQUIREMENT FOR A | |
| | MINOR IN BIOLOGY | 30 cr |

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

BIO 025 Topics in Biology
BIO 026 Genetics
BIO 027 Cellular Biology
BIO 031 General Biology I
BIO 033 General Biology II
BIO 034 General Biology Laboratory I
BIO 035 General Biology Laboratory II
BIO 036 Botany
BIO 037 Embryology
BIO 040 Ecology
BIO 041 Invertebrate Zoology
BIO 042 Cell Physiology
BIO 043 Junior Project
BIO 045 Evolution
BIO 046 Comparative Anatomy
BIO 047 Senior Research I
BIO 049 Senior Seminar
BIO 051 Senior Research II
BIO 080 Vertebrate Physiology
BIO 725 Microbiology
BIO 847 Histology and Microtechnique
BIO 848 Microbiological Techniques
BIO 961 Animal Behavior

BIO 025 Topics in Biology (Fall and Spring semesters) Three Credits

A course designed for the non-science major only. Approximately ten topics relevant to central biological principles and their application in today's society are discussed.

Three hours lecture. One semester.

BIO 031 General Biology I (Fall semester) Three Credits

An introduction to the major generalizations in biology, the chemical and cellular basis of life, and the biology of organisms.

Three hours lecture. One semester.

BIO 033 General Biology II (Spring semester) Three Credits

An introduction to principles and concepts of the following biological sciences: genetics, development, evolution, animal behavior and ecology.

Three hours lecture. One semester.

BIO 034-035 General Biology Laboratory I-II Two Credits

Exercises in biological techniques at the molecular, cellular and organismal level.

Two hours laboratory per week. Two semesters.

BIO 036 Botany*(Spring semester) Four Credits*

An introduction to basic interrelationships of plant structure, function, growth, and reproduction.

Three hours lecture, two hours laboratory per week. One semester.

Prerequisite: BIO 034 or permission of instructor

BIO 961 Animal Behavior*(Fall semester) Three Credits*

A study of animal behavior from an ethological perspective. Topics covered include a history of the study of behavior, fixed action patterns, learning theory, physiological basis of behavior, development and evolution of behavior, animal communication, social behavior, and behavior as adaptation.

Prerequisite: BIO 033

Three hours lecture. One semester.

BIO 037 Embryology*(Fall semester) Four Credits*

A study of the principles of growth and development in vertebrates. Emphasis in laboratory is placed on amphibian and chick development.

Prerequisite: BIO 031-033, 034-035

Three hours lecture, three hours laboratory per week. One semester.

BIO 027 Cellular Biology*(Spring semester) Three Credits*

A study of the cell as a functional unit through an analysis of the morphology and function of its organelles. Division of labor in the cell is the central theme. Special topics are also discussed concerning cell function.

Prerequisite: BIO 031-033; CHEM 634-081 (or 101-098)

Three hours lecture. One semester.

BIO 026 Genetics*Three Credits*

A study of principles and theories of inheritance. Classical as well as recent studies are discussed.

Prerequisite: BIO 031-033

Three hours lecture, three hours laboratory per week. One semester.

Not offered in 1974-75.

BIO 997 Comparative Endocrinology*(Spring semester) Four Credits*

A study of the vertebrate endocrine glands, their morphology and the chemistry of their secretions. The physiological role of the endocrine glands, including their influence upon each other and upon the nervous system in the integration of a physiological organ system is emphasized. Pathological processes of the endocrine system and their manifestations are considered. The student will become acquainted with both basic laboratory techniques used in endocrine research and the scientific literature to the field.

Prerequisite: BIO 952

Three hours lecture, three hours laboratory per week.

BIO 1056 Histology and Histological Techniques*(Fall semester) Four Credits*

A study of animal tissue organization and types. Tissue microanatomy and recognition are covered in lecture and through student microscopic study. The techniques of histological procedures are taught as to the procedure to prepare permanent slides.

Prerequisites: BIO 031-033, 034-035

Two hours lecture, four hours laboratory per week.

BIO 040 Ecology*(Fall semester) Four Credits*

A study of the interrelations between organisms and their environments with emphasis on field techniques.

Prerequisite: BIO 031-033

Three hours lecture, two hours laboratory per week. One semester.

BIO 041 Invertebrate Zoology*(Spring semester) Four Credits*

An introduction to representative types of invertebrate animals through laboratory dissections, observations, and experiments with occasional field trips. Lectures emphasize morphology and progressive specialization in morphological development.

Two hours lecture, four hours laboratory per week. One semester.

Prerequisite: BIO 031, 033 and 034

BIO 042 Cell Physiology*(Spring semester) Four Credits*

A presentation of modern topics of cellular function. Cellular enzymes, nucleic acids, the cell cycle, and cellular radiobiology are the major topics studied. Control and regulatory mechanisms are taken as the central theme.

Three hours lecture, three hours laboratory per week. One semester.

Prerequisite: BIO 031-033, 034-035; CHEM 634-081, 087-088 and CHEM 102-105, or permission of instructor

BIO 043 Junior Project*(Spring semester) One Credit*

Required of all juniors. Techniques of literature research and scientific writing are developed. A topic mutually agreed upon between the student and a faculty member is researched from the biological literature and is terminated by the submission of a paper. It is anticipated that a problem discussed in the paper will stimulate an experimental solution during the senior year (Senior Research).

One semester.

Prerequisite: Biology majors

BIO 725 Microbiology*Three Credits*

A study of microorganisms, using bacteria as a representative class, including their taxonomy, physiology and metabolism, and the importance of microbes to man.

Three hours lecture per week. One semester.

Prerequisite: BIO 031-033, CHEM 102-105, or permission of instructor

Corequisite: BIO 848 recommended but not required.

Three hours lecture per week. One semester.

Not offered in 1974-75.

BIO 848 Microbiological Techniques*(Fall semester) Two Credits*

Laboratory exercises in the techniques employed in handling microorganisms. The methods are applied to practical problems. Pre- and post-laboratory sessions are scheduled.

Four hours laboratory per week. One semester.

Prerequisite: BIO 031-033, 034-035; CHEM 634-081, 087-088 or permission of instructor

Corequisite: BIO 725 recommended but not required

Four hours laboratory per week.

BIO 045 Evolution*(Fall semester) Three Credits*

Topics covered in this course include the evolution of evolutionary thought, major features of the process of evolution, important and critical periods in the evolution of life, and the biology of the race concept.

Prerequisite: BIO 033

Three hours lecture. One semester.

BIO 046 Comparative Anatomy*(Spring semester) Four Credits*

A comparative study of the organ systems of protochordates and vertebrates. Laboratory includes the dissection of the shark, necturus and cat.

Prerequisite: BIO 031-033, 034-035

Three hours lecture, three hours laboratory per week. One semester.

BIO 052 Vertebrate Physiology*(Fall semester) Four Credits*

Basic principles of general physiology, including discussions of physical and chemical phenomena, and the physiology of skeleton and muscle, nerve receptors, circulation, respiration, digestion and excretion, endocrines and reproduction are presented. Organ and system functions are interrelated in order to bring out the coordinated activities within the body. Emphasis is on the human organism.

Three hours lecture, two hours laboratory per week. One semester.

Prerequisite: BIO 031-033

BIO 047 Senior Research I*Three Credits*

Seniors may elect to conduct a research project under faculty supervision. A minimum of six hours per week is to be spent on the project. Final evaluation is based on a written report that is submitted to the adviser.

Prerequisite: Permission of instructor, biology majors only.

BIO 051 Senior Research II*Three Credits*

Identical to BIO 047 but intended for senior research projects requiring a second semester of experimental investigation.

Prerequisite: Permission of instructor, biology majors only.

BIO 049 Senior Seminar*One Credit*

Students present reports or prepared arguments on selected central or current biological themes. Class discussion or debate follows.

One hour per week. One semester.

Prerequisite: Biology major

CHEMISTRY

ROBERT E. REHWOLDT, *Professor*

RICHARD LA PIETRA, *Associate Professor*

LAWRENCE W. MENAPACE, *Associate Professor*

GEORGE E. McALONIE, *Assistant Professor*

MALVIN MICHELSON, *Assistant Professor*

REQUIREMENTS FOR A BACHELOR OF ARTS IN CHEMISTRY

1.0	Course Requirements in Chemistry	
	CHEM 634-081 and 087-088, 102-105, 089-090, 109-110, 113-114, 099-100	38 cr
	Additional CHEM Courses selected from the following:	
	CHEM 118, 120, 121, 126-127	<u>6 cr</u>
	CREDIT REQUIREMENT IN CHEMISTRY	44 cr
2.0	Course Requirements in Related Fields	
	MATH 387-388, 397	9 cr
	PHYS 477-479, 481-483	<u>8 cr</u>
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>17 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN CHEMISTRY	61 cr
3.0	Other Requirements	
	none	
4.0	Recommended Courses	
	PHIL 446	
	GERM 269-270 or RUSS 586-587 or RUSS 867	

REQUIREMENTS FOR A MINOR IN CHEMISTRY

CHEM 634, 081, 087, 088, 113	13 cr
One Course selected from the following:	
CHEM 102, 108	3 cr
One Course selected from the following:	
CHEM 109, 110	4 cr
MATH 387	<u>3 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN CHEMISTRY	23 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

CHEM 081	General Chemistry II
CHEM 087	Introductory Chemistry Laboratory I
CHEM 088	Introductory Chemistry Laboratory II
CHEM 089	Organic Chemistry Laboratory I
CHEM 090	Organic Chemistry Laboratory II
CHEM 096	The Science of Chemistry
CHEM 099	Experimental Physical Chemistry I

CHEM 100 Experimental Physical Chemistry II
 CHEM 102 Organic Chemistry I
 CHEM 105 Organic Chemistry II
 CHEM 108 A Short Course in Organic Chemistry
 CHEM 109 Quantitative Analysis
 CHEM 110 Instrumental Methods of Analysis
 CHEM 112 Experimental Biochemistry
 CHEM 113 Physical Chemistry I
 CHEM 114 Physical Chemistry II
 CHEM 118 Essentials of Biochemistry
 CHEM 120 Physical Inorganic Chemistry
 CHEM 121 Advanced Organic Chemistry
 CHEM 124 Senior Seminar I
 CHEM 125 Senior Seminar II
 CHEM 126 Senior Research I
 CHEM 127 Senior Research II
 CHEM 634 General Chemistry I

CHEM 634 General Chemistry I (Fall semester) *Three Credits*
 An introduction to the basic particles of matter, the modern concept of the atom, chemical bonding, and the structure of chemical compounds.
Three hours lecture and one problem session per week.

CHEM 081 General Chemistry II (Spring semester) *Three Credits*
 Primarily a discussion of the nature of solutions, chemical reactions, chemical equilibrium, and chemical kinetics.
Three hours lecture and one problem session per week.
Prerequisite: CHEM 634 or permission of instructor.

CHEM 087 Introductory Chemistry Laboratory I (Fall semester) *Two Credits*
 Experimental work concerning the basic techniques used in studying chemical systems.
Corequisite: CHEM 634
Four laboratory hours per week.

CHEM 088 Introductory Chemistry Laboratory II (Spring semester) *Two Credits*
 The preparation and chemical study of a benzoic acid.
Prerequisite: CHEM 634 or permission of instructor
Four laboratory hours per week

CHEM 096 The Science of Chemistry (Spring semester) *Three Credits*
 A course designed for nonscience majors dealing with the development of the science of chemistry and its present impact. It attempts to secure an understanding of the methods and techniques of this science.
Three hours lecture per week.

CHEM 102 Organic Chemistry I (Fall semester) *Three Credits*

CHEM 105 Organic Chemistry II (Spring semester) *Three Credits*
 The structure and reactions of organic compounds with emphasis on the mechanisms by which these reactions take place. Physical properties, stereochemistry, and the effect of structure on reactivity will also be discussed.
Prerequisite: CHEM 634-081
Three hours lecture per week

**CHEM 089 Organic Chemistry
Laboratory I**

(Spring semester) *Two Credits*

CHEM 090 Organic Chemistry Laboratory II (Fall semester) *Two Credits*

The student will perform experiments designed to teach him the experimental techniques used by the organic chemist. Several weeks will be devoted to the structural determination of organic molecules. The student will be exposed to both physical (NMR and IR) and chemical methods of structure determination. During the second semester the student will expect to carry out an independent project.

Prerequisite or Co-requisite: CHEM 102-105

Four hours laboratory per week.

**CHEM 108 A short course in
Organic Chemistry**

(Fall semester) *Three Credits*

This one semester course is designed to give biology students who are not oriented toward graduate school or medical school a basic understanding of the principles of Organic Chemistry.

Prerequisite: CHEM 634-081

CHEM 109 Quantitative Analysis

(Fall semester) *Four Credits*

The theory and application of classical and modern methods of analysis.

Prerequisite: CHEM 634-081 and 087-088

Two hours lecture, six hours laboratory per week.

**CHEM 110 Instrumental Methods of
Analysis**

(Spring semester) *Four Credits*

The theory and application of chemical instrumentation to analytical systems.

Prerequisite: CHEM 109 and CHEM 113-114

Two hours lecture, four hours laboratory per week.

CHEM 113 Physical Chemistry I

(Fall semester) *Three Credits*

A quantum mechanical and experimental approach to the elucidation of translational, rotational, vibrational, and electronic energy states in molecular systems.

Prerequisite: CHEM 634-081, PHYS 447-479, MATH 397 or permission of instructor

Three hours lecture per week.

CHEM 114 Physical Chemistry II

(Spring semester) *Three Credits*

A discussion of chemical thermodynamics and chemical kinetics.

Prerequisite: CHEM 113 or permission of instructor

Three hours lecture per week.

**CHEM 099 Experimental Physical
Chemistry I**

(Spring semester) *Two Credits*

An exposure to some fundamental studies of chemical systems.

Prerequisite: CHEM 113

Four hours laboratory per week.

**CHEM 100 Experimental Physical
Chemistry II**

(Fall semester) *Two Credits*

An experimental study of the structural, thermodynamics, and kinetic properties of a chemical compound.

Prerequisite or corequisite: CHEM 114

Four hours laboratory per week

CHEM 118 Essentials of Biochemistry (Spring semester) *Three Credits*
A study of the chemistry and intermediary metabolism of biologically important compounds, including enzymes, coenzymes, and vitamins.

Prerequisite: CHEM 102-105

Three hours lecture per week.

CHEM 112 Experimental Biochemistry (Spring semester) *Two Credits*
Selected experiments dealing with chemical properties of compounds of biological interest.

Co-requisite: CHEM 118

Four hours laboratory per week.

CHEM 120 Physical Inorganic Chemistry (Fall semester) *Three Credits*
An advanced treatment of special topics in physical inorganic chemistry.

Prerequisite: CHEM 113-114

Three hours lecture per week.

CHEM 121 Advanced Organic Chemistry (Spring semester) *Three Credits*
An advanced treatment of selected topics chosen by the instructor. These topics may include the theory of resonance, stereochemistry of carbon compounds, and organic reaction mechanisms.

Prerequisite: CHEM 102-105 and CHEM 113-114

CHEM 124 Senior Seminar I *One Credit*

CHEM 125 Senior Seminar II *Two Credits*

A program designed to allow the senior student the opportunity to prepare and present topics which he has encountered in the chemical literature and original ideas which he has developed as a result of his accumulated knowledge and reading.

Prerequisite: CHEM 102, 105, 109, 110, 113-114.

CHEM 126-127 Research I-II *Four Credits*

This course offers students the opportunity to do basic research under the supervision of a faculty member. Although there are no formally assigned hours, a student is expected to spend at least four to eight hours per week for two semesters to earn credit. At the end of his work he presents a written report and an oral report to the seminar.

Prerequisite: Junior standing plus permission of department.

EARTH SCIENCE

VINCENT F. KOTSCHAR, *Assistant Professor*

ERSC 678 Introductory Earth Science I (Fall semester) *Three Credits*

A study of earth formation and physical and historical geology. Special attention is given to geomorphology. Other topics include the historical geology of the New York Region and the study of rock and mineral specimens.

ERSC 597 Introductory Earth Science II (Spring semester) *Three Credits*

A study of astronomy (emphasis on the solar system), weather, climate, soils, vegetation, and other factors leading to the understanding of the earth as an abode of man.

ENVIRONMENTAL SCIENCE

ROBERT E. REHWOLDT, *Director*

This is a new program which offers the student a chance to become part of one of the greatest challenges facing mankind.

It is an interdisciplinary program with emphasis on the natural sciences. Electives, however, should be chosen to give an awareness of the social aspects of environmental control.

REQUIREMENTS FOR A BACHELOR OF ARTS IN ENVIRONMENTAL SCIENCE

1.0	Course Requirements in Environmental Science	
	ENSC 241, 291-292, 950-951	<u>13 cr</u>
	ENSC 943-944	
	CREDIT REQUIREMENT IN ENVIRONMENTAL SCIENCE	13 cr
2.0	Course Requirements in Related Fields	
	BIO 031-033, 034-035, 036, 040, 848	18 cr
	CHEM 634-081 and 087-088	10 cr
	ERSC 678-597	6 cr
	ENG 852 or 855 or 246 or 857	3 cr
	MATH 395	3 cr
	POSC 503	3 cr
	ECON 136	<u>3 cr</u>
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>46 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN ENVIRONMENTAL SCIENCE	59 cr
3.0	Other Requirements	
	None	
4.0	Recommended Courses	
	PHIL 446	
	SOC 598-599	

REQUIREMENTS FOR A MINOR IN ENVIRONMENTAL SCIENCE

Introductory Level Courses		
	BIO 031-033, 034-035	8 cr
	CHEM 634-081, 087-088	10 cr
	ERSC 678	3 cr
	MATH 395	3 cr
	ENSC 950-951	<u>4 cr</u>
		28 cr
Upper Level Courses		
	BIO 040	4 cr
	ENSC 291, 292, 943-944	<u>12 cr</u>
		<u>16 cr</u>

TOTAL CREDIT REQUIREMENT FOR A
MINOR IN ENVIRONMENTAL SCIENCE

44 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

- ENSC 241 Natural History of an Estuary
- ENSC 291 Environmental Topics I
- ENSC 292 Environmental Topics II
- ENSC 943 Special Topics in Environmental Science I
- ENSC 944 Special Topics in Environmental Science II
- ENSC 950 Analytical Procedures I
- ENSC 951 Analytical Procedures II

ENSC 241 Natural History of an Estuary (Fall semester) *Three Credits*

Interdisciplinary study of an estuary to demonstrate the interaction of the biological, chemical, geological, and meteorological influences on productivity, using the tidal reach of the Hudson River as a model.

Prerequisite: One year biology

ENSC 950-951 Analytical Procedures I-II

(Fall and Spring semesters) *Four Credits*

A course designed to give the student a theoretical background and laboratory experience in the measurement of chemical environmental parameters. Both classical and instrumental methods will be applied to problems in air, water, land quality.

Prerequisite: CHEM 634-081 and 087-088

One lecture hour, three laboratory hours—two semesters

ENSC 291 Environmental Topics I

(Fall semester) *Three Credits*

A course designed to delineate current problems in air and water quality and management and solid waste management. Affluents will be discussed in terms of sources, characteristics and effects. Abatement and corrective measures will also be discussed.

Prerequisite: One year biology and one year chemistry

Three hours per week. One semester.

ENSC 292 Environmental Topics II

(Spring semester) *Three Credits*

Advanced topics in physical environmental problems. Topics to be chosen by instructor.

Prerequisite: One year biology and one year chemistry

Three hours per week. One semester.

ENSC 943-944 Special Topics in Environmental Science I-II *Six Credits*

Specialized areas such as environmental law, politics resource management, oceanography, etc. will be discussed. The course will be taught by recognized experts in the field. Only one topic will be chosen and this will be determined by the instructor. Topics will be announced before registration.

Three hours per week. Two semester.

Prerequisite: ENSC 291 or 292 or permission of instructor

PHYSICS

KATHLEEN R. DESILETS, *Assistant Professor*
TERRENCE R. SCOTT, *Lecturer*

REQUIREMENTS FOR A BACHELOR OF ARTS IN PHYSICS

1.0	Course Requirements in Physics	
	PHYS 477-479, 481-483, 493	11 cr
	PHYS Courses Selected from the following:	
	PHYS 484, 485, 486-487, 489-490, 491, 492, 496, 498, 499, 501	<u>24 cr</u>
	CREDIT REQUIREMENT IN PHYSICS	35 cr
2.0	Course Requirements in Related Fields	
	CHEM 634-081 and 087-088	10 cr
	MATH 387-388, 397, 399	<u>12 cr</u>
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>22 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN PHYSICS	57 cr
3.0	Other Requirements	
	None	
4.0	Recommended Courses	
	PHIL 446, PHYS 497, 480, 500, 899, 900, 755, 756	

REQUIREMENTS FOR A BACHELOR OF SCIENCE IN APPLIED SOLID STATE PHYSICS

1.0	Course Requirements in Physics	
	PHYS 477-479, 481-483,	8 cr
	PHYS 501, 491, 499	9 cr
	PHYS Courses selected from the following:	
	PHYS 498, 899, 900, 755, 756, 485 Workshops in semi-conductor physics, Workshops in electro-optical phenomena	<u>12 cr</u>
	CREDIT REQUIREMENT IN PHYSICS	29 cr
2.0	Course Requirements in Related Fields	
	CHEM 634-081, 087-088 and CHEM 113	13 cr
	MATH 387-388, 397, 399	<u>12 cr</u>
	CREDIT REQUIREMENT IN RELATED FIELDS	<u>25 cr</u>
	TOTAL CREDIT REQUIREMENT FOR A MAJOR IN PHYSICS	54 cr
3.0	Other Requirements	
	A mathematics exam on calculus and	

differential equations must be passed before admission into major level courses. Where indicated students may be required to take remedial courses in mathematics.

4.0 Recommended Courses
PHYS 500

REQUIREMENTS FOR A MINOR IN PHYSICS

Introductory Level Courses	
PHYS 477-479, 481-483	8 cr
Upper Level Courses	
Four Courses selected from the following:	
PHYS 484, 485, 486-487, 489, 490, 491, 492, 493, 496, 498, 499, 501	<u>12 cr</u>
TOTAL CREDIT REQUIREMENT FOR A MINOR IN PHYSICS	20 cr

The following is a list of course titles offered in this discipline and arranged in order according to course number. A description of these courses follows this list. The course descriptions are not arranged numerically but according to appropriate groupings.

PHYS 469	Principles of Physics
PHYS 477	General Physics I
PHYS 479	General Physics II
PHYS 480	Seminar
PHYS 481	General Physics Lab I
PHYS 483	General Physics Lab II
PHYS 484	Mechanics
PHYS 485	Physical Options
PHYS 486	Electricity and Magnetism I
PHYS 487	Electricity and Magnetism II
PHYS 489	Atomic and Nuclear Physics I
PHYS 490	Atomic and Nuclear Physics II
PHYS 491	Solid State Physics
PHYS 492	Modern Physics
PHYS 493	Modern Physics Laboratory
PHYS 496	Thermodynamics
PHYS 497	Electronics I
PHYS 498	Semiconductor Physics
PHYS 499	Crystal Physics
PHYS 500	Senior Research Project
PHYS 501	Theoretical Physics
PHYS 755	Electronic Circuit Analysis
PHYS 756	Computer Analysis
PHYS 899	Network Analysis Basic

PHYS 900 Network Analysis Advanced
PHYS 933 Electronics II
PHYS 952 Physics and Society

PHYS 469 Principles of Physics

Three Credits

A general survey course in physics for liberal arts majors. Stress is put on understanding the vocabulary of physics and a verbal explanation of the physical phenomena encountered in one's daily life. No mathematics beyond elementary algebra is required.

PHYS 477-479 General Physics I-II

Six Credits

An introductory course covering the basic concepts arising in mechanics, heat, sound, electricity and magnetism, optics, and atomic physics. The approach stresses the use of calculus and vector algebra.

Prerequisite: MATH 387-388

PHYS 481-483 General Physics Lab I-II

Two Credits

The general physics labs are taken simultaneously with the course in general physics. The requirement for this laboratory is dependent on the department in which the student is a major. One credit is assigned to each semester of the laboratory.

Corequisite: PHYS 477-479

PHYS 484 Mechanics

Three Credits

A study of Newtonian mechanics in both fixed and moving coordinate systems. Conservation laws, harmonic motion, gravitational fields and potentials, celestial mechanics, mechanics of continuous media. Introduction to generalized coordinates and Lagrange's equations.

Prerequisite: PHYS 477-479, MATH 399

PHYS 485 Physical Optics

Three Credits

A brief review of geometric optics followed by a systematic development of physical optics. Major topics: wave propagation, electromagnetic character of light, interference, Fraunhofer and Fresnel diffraction, absorption, scattering, dispersion, and polarization.

Prerequisite: MATH 387, 388, 397, 399, PHYS 477-479

PHYS 486-487 Electricity and Magnetism I-II

Six Credits

A study of electrostatic fields and potentials, dielectric theory, capacitance, electric current, AC-DC circuits, magnetic properties of matter, transmission lines, Maxwell's equations and their application to electromagnetic wave propagation.

Prerequisite: For PHYS 486: PHYS 477-479, MATH 399, For PHYS 487: PHYS 486

PHYS 489-490 Atomic and Nuclear Physics I-II

Six Credits

The basic principles of relativity and quantum physics are developed and applied to atomic and nuclear structure and elementary particle theory. Topics included are photoelectric effect, Compton effect, DeBroglie waves, X-ray and electron diffraction, Bohr theory, Zeeman effect, electron spin, nuclear models, natural radioactivity, strong and weak interactions, and fundamental particles.

Prerequisite: MATH 399, PHYS 484

PHYS 491 Solid State Physics

Three Credits

A course intended as a survey of the field of Solid State Physics. The topics introduced are: crystallography, quantum mechanics, atomic bonding, statistical mechanics, free electron theory and zone theory. The purpose of the course

is to introduce the student to the vocabulary of these topics and to some of the elementary calculations in these fields.

Prerequisite: MATH 399, PHYS 484

PHYS 492 Modern Physics

Three Credits

An introduction to the theory of relativity and to quantum mechanics; other special topics to be drawn from contemporary physics.

Prerequisite: PHYS 477-479, 484, 489

PHYS 493 Modern Physics Laboratory

Three Credits

An advanced laboratory course designed to cover a selective number of experiments related to the major field courses with special emphasis placed on topics from modern and atomic physics.

Prerequisite: PHYS 477-479. This course should be taken by senior physics majors.

PHYS 496 Thermodynamics

Three Credits

An introduction to the laws of thermodynamics and the application of these to physical systems. A brief discussion of kinetic theory and transport phenomena.

Prerequisite: PHYS 477-479, MATH 397

PHYS 497 Electronics I

Three Credits

A basic course in electron tube and transistory theory and circuit design. The course stresses the functional aspects and relies upon laboratory demonstrations using equipment most often encountered by physicists.

Prerequisite: PHYS 477-479

PHYS 933 Electronics II

Three Credits

This course treats basic electronics on a more advanced level than Electronics I stressing trouble shooting of laboratory electronic equipment and applications of recent semi-conductor electronic devices with their applications in the science laboratories.

One meeting per week, three and one-half hours.

Prerequisite: PHYS 497

PHYS 498 Semiconductor Physics

Three Credits

Covers semi-conductor theory, contact and surface properties, PN junctions, semi-conductor measurements, semi-conductor materials, semi-conductor material preparation, semi-conductor devices, design and application.

Prerequisite: PHYS 477-479, 491

PHYS 499 Crystal Physics

Three Credits

A study of interatomic forces, classification of materials, lattice vibrations, specific heat, dielectric properties of crystals, crystal defects, and crystal growth processes.

Prerequisite: PHYS 491

PHYS 480 Seminar

Three Credits

The objective of this course is to integrate the subject matter previously covered by the students in major field courses. It consists of weekly discussions directed by members of the department. Open for major credit to seniors.

PHYS 500 Senior Research Project*Three Credits*

This course consists of a cooperative effort between a faculty member and a student. A research topic will be selected which will give the student the opportunity to do some original work while remaining within the limits of his abilities. The topic should be selected in the second half of junior year. A report on the research will be submitted by the student. Open to physics seniors.

PHYS 501 Theoretical Physics*Three Credits*

Topics in this course will be of upper level content. Students who wish to go to graduate school are recommended to take this course. Maxwell's Equation, Fourier Series and other areas of interest to the students and teacher will be covered. Open to seniors.

Prerequisite: PHYS 477-479, MATH 399

PHYS 899 Network Analysis Basic*Three Credits*

Kirchhoff's and the voltage-current relations are developed from electro-magnetic field theory. The differential equations describing networks are derived using: loop analysis, nodal analysis and cutset analysis. These equations are solved using the classical techniques and the Laplace Transform. Different applications of the Transform are described—particularly the pole and zero diagram.

Prerequisite: MATH 399, PHYS 486

PHYS 900 Network Analysis Advanced*Three Credits*

The differential equations of networks are solved using state variable techniques, signal flow graphs, and Fourier Series which lend themselves to computer analysis. Matrix parameters are applied to two part networks. Basic network theorems are used to simplify complicated analysis.

Prerequisite: PHYS 899

PHYS 755 Electronic Circuit Analysis*Three Credits*

Actual devices used in circuits like tubes, diodes, transistors, FETs are described so their physical behavior is understood. Various models for the devices are developed. The resulting circuits are analyzed using available techniques. Appropriate computer programs to assist in the analysis will be introduced.

Prerequisite: PHYS 899

PHYS 756 Computer Analysis*Three Credits*

The hardware and software aspects of computers are explained so that their application to science, business, education, etc. can be understood.

Prerequisite: Permission from the instructor for non-physics majors.

PHYS 952 Physics and Society*Three Credits*

Physics is presented in a historical and social context. The student will examine the impact of physics on other sciences, on humanistic disciplines, and on societal activities such as politics and war.

SCIENCE**SCI 694 Science and Society***Three Credits*

A course designed for nonscience majors dealing with the present impact of science and technology on society.

SCI 935 The Biological and Geological Viewpoints of Soil Science*Two Credits*

A study of soils from the biological and geological viewpoints. Areas covered include the way soils are created from rock with the involvement of time, slope,

and distance and the geographical distribution of soils and the meaning of this distribution.

One hour lecture per week. Two hours laboratory per week.

Prerequisite: BIO 031-033 and ERSC 678 and 597

SCI 818 Applied Topics in Science

Nine Credits

As part of the Marist Year at Home Program, Applied Topics in Science offers students a chance to explore in depth the effects of technology on society. An attempt to understand and offer workable solutions to particular environmental problems affecting Dutchess County are to be undertaken.

Prerequisite: Registration with approval of instructor only.

SCI 947 Special Projects in Science I

One Credit

SCI 948 Special Projects in Science II

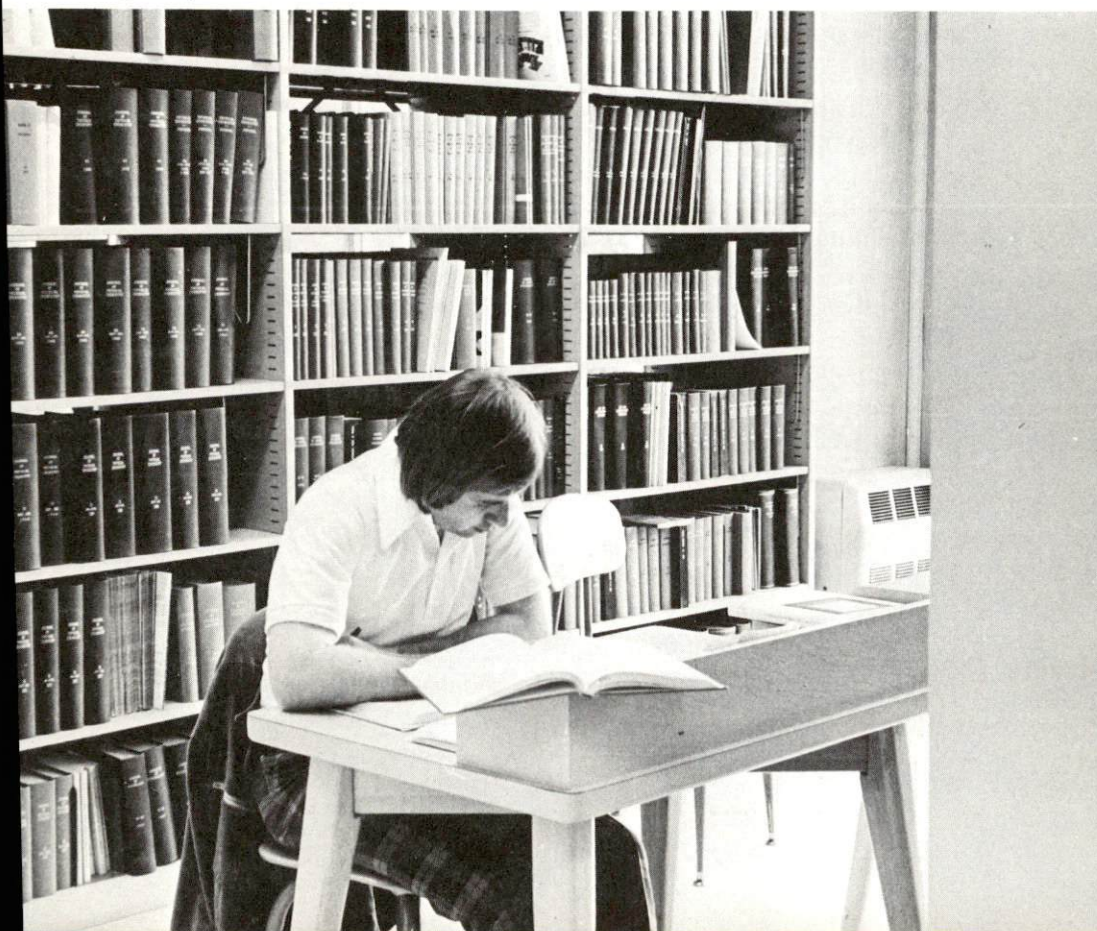
Two Credits

SCI 949 Special Projects in Science III

Three Credits

Courses designed to allow a science major the opportunity to pursue an independent study project in science in an area not covered in regular course offerings. The project may be either library or laboratory oriented. One to three credits may be taken per semester up to six credits. Students interested in signing up for a course must first prepare an outline of the proposed project and have it approved by their adviser. Assignment of credit is worked out between the adviser and Divisional Chairman. Evaluation and assignment of credit is contingent upon submitting a final written report.

A student may take this course for elective credit only. There are no co- or prerequisites.



TUITION AND FEES

STATEMENT OF FEES

TUITION

Per semester hour.....\$ 68.00

Effective September 1974. All credits are chargeable at the per credit hour rate. A student with 12 or more semester hours in any semester is considered a full time student.

Room and Board, per semester.....650.00

Dormitory and Cafeteria facilities are officially closed during the following periods of their respective semesters:

Fall '74 semester:

Veteran's Day weekend—10/26/74 - 10/29/74

Thanksgiving weekend—11/28/74 - 12/1/74

Spring '75 semester:

Spring recess—3/8/75 - 3/16/75

Easter weekend—3/28/75 - 3/31/75

Matriculation fee..... 25.00

This fee is payable immediately upon the student's acceptance and registration for a degree program. It is nonrefundable.

General Deposit.....150.00

This general deposit is payable by all new resident students upon their acceptance. It is applicable to their semester room and board upon registration. It is refundable if notice of intention not to attend Marist College is received by the Director of Admissions prior to May 1 or date indicated on acceptance letter. After this date all payments are nonrefundable.

Reacceptance Deposit..... 25.00

Payable by all students re-admitted to Marist after a leave of absence. This nonrefundable fee reserves academic space and is applied to semester tuition and fees upon registration.

Room Reservation Deposit for all returning residents..... 50.00

Due on or before April 1. Academic dismissal is the only basis for refund.

Residence Hall Liability Deposit..... 50.00

Payable prior to first semester of residence on campus. Applicable to all residence damages for which a student is personally responsible, as well as common damages in the

student's residence hall and/or floor. A minimum balance of \$35.00 must be maintained at all times and is carried forward for the duration of the student's residency. The balance is refundable upon graduation or withdrawal.

Single Room Fee.....\$ 75.00 per semester

If room permits, a single room may be had for those deserving. Application must be made for same at the time of room reservation to the Singles Committee. Priority for a single room is based on need for the same and also the amount of space available.

Application Fee..... 15.00

Advanced Placement/College Proficiency Examination Fee..... 15.00

No charge where credits are waived. When credit and/or grade is given in lieu of formal course work, fee is \$15.00 per credit hour.

Registration Fee 10.00

Payable each semester. Includes initial parking decal and student identification card. This fee is also applicable to students in good academic standing who have received written permission for a leave of absence to be full-time students at another college for a semester; i.e., Visiting Student Program, etc.

Late Registration Fee 20.00

Payable when a student fails to register prior to the first day of class.

Activities Fee, full time student..... 15.00

Payable each semester.

Activities Fee, part time student..... 5.00

Payable each semester.

Deferred examination and reexamination fee..... 10.00

Degree Fee (payable by all students upon completion of degree requirements) 25.00

Change of Program Fee (or major field)..... 3.00

For every change of program issued at the request of the student, payable at the time of request.

Transcript Fee 1.00

Payable at the time of request.

Certain science departments require internal key and breakage deposits which are refundable at the end of the semester, providing all materials are returned intact.

REPEATED COURSES

Any student repeating a course due to failure or intent to raise a grade is chargeable for the stated number of credits at the regular per hour rate.

PAYMENT OF FEES

All students registering at Marist College are required to pay tuition and fees in full on or before Opening Day.

Returning students may elect a deferred payment plan upon prior approval of the College Business Office. Fees on the deferred payment plan are payable according to the following schedule:

Fall Semester

Sept. 4	(½ all tuition and fees)
*Oct 4	(Payment in full, with NO service charge)
Nov. 1	(Last date for payment of all fees)

Spring Semester

Jan. 20	(½ all tuition and fees)
*Feb. 21	(Payment in full, with NO service charge)
March 21	(Last date for payment of all fees)

*A service charge of \$2.00 per hundred dollars or any fraction thereof, will be added to all outstanding balances after October 4 (Fall) and February 21 (Spring), with the entire outstanding amount due November 1 (Fall) and March 21 (Spring).

Summer Semester

All tuition and fees in full at time of registration.

No deferred payment plan.

The College also cooperates formally with two independent agencies which arrange for financing of college costs on monthly payment basis of one to six years. All plans include attractive insurance clauses which provide for coverage of college expenses in the case of death or disability of the parent. Information about any agency may be obtained either by writing directly to the agency listed below, or by inquiry to the Business Office of Marist College.

Insured Tuition Plan
6 St. James Avenue
Boston, Mass.
02116

The Tuition Plan, Inc.
Concord,
New Hampshire
03301

Many local banks, in cooperation with state agencies, also provide financing plans for college costs. Inquiries may be made by writing directly to:

New York:	New York Higher Education Assistance Corp. 50 Wolfe Road Albany, New York 12205
Pennsylvania:	Pennsylvania Higher Education Assistance Corp. Town House Education Building Harrisburg, Pennsylvania 17102
New Jersey:	New Jersey Higher Education Assistance Authority Division of Higher Education State Department of Education Trenton, New Jersey

Local banks will have the address of home-state agency. (See section on Financial Aid.)

NEW YORK STATE INCENTIVE AND/OR REGENTS AWARD

Marist students who are residents of New York State may be eligible for Regents Scholar Incentive Awards or Regents Scholarships. Inquiries and applications concerning these should be directed to:

The University of the State of New York
The State Education Department
Regents Examination and Scholarship Center
99 Washington Avenue
Albany, New York 12210

Applications for these awards should be filed with Albany in early summer to insure receipt of the grant notification prior to the September opening of classes. Students who are recipients of Regents Scholar Incentive Awards, Regents Scholarships, or any other type of financial scholarship or assistance must present evidence of this to the Business Office at the time of registration or as soon as received.

Deductions from semester billings for specified grant amounts may *only* be made upon official notification to the student. All awards not officially acknowledged and presented to the Business Office before fee deadlines will be subject to the schedule of late fees.

The Business Office prefers payment by check. Payments must be made on or before Opening Day either by mail, or in person at the Business Office.

Requests for complete statement of charges and receipt of payments should be made in writing to the business office at the time of the final payment. The receipt will be mailed directly to the student.

STUDENTS WHOSE ACCOUNTS ARE IN ARREARS WILL NOT BE PERMITTED TO REGISTER, ADMITTED TO CLASSES OR EXAMINATIONS, AND WILL NOT BE GIVEN SEMESTER GRADES, A DIPLOMA, OR A TRANSCRIPT OF RECORD.

REFUNDS

Since engagements with instructors and other provisions for education and residence are made in advance by the College for the entire year, the refund rule for each category will be as follows:

TUITION

In the event a student withdraws from the College during the first week of instruction, the total amount of his tuition will be refunded. After the first week, and before the beginning of the fourth week, a refund of one-half tuition will be made. After this time, no refund will be allowed. (See Academic Calendar for specific dates concerning these refunds.)

To withdraw from a course or from the College, a student must notify the Registrar in writing. A form is provided for this purpose and may be obtained at the Registrar's Office. Simply notifying the classroom instructor or the Dean is insufficient. Procedures to be followed are outlined on this form. In computing the refund, the Business Office accepts the date that the completed form has been received in the Registrar's office.

ROOM

Should a new student withdraw from the College during the first three weeks of the semester, an assessment of \$150.00 will be charged to cover room fees for this period. Should he withdraw after beginning of the fourth week, the entire semester room charge will be enforced. Returning residence students who withdraw from the dormitories will forfeit their Room Reservation Deposit and will be subject to charges and rebates as indicated with tuition policy refund. Any student withdrawing from the Residence Halls must officially notify the Director of Residence. Date of Notice will be used in determining refund.

BOARD

A refund for the remainder of the semester following the date of the student's withdrawal may be made of the amount paid for board at the per diem college rate. The date used will be the official notification date to the Director of Residence.

FINANCIAL AID

STUDENT FINANCIAL AID AT MARIST

Financing a college education is a serious problem to many young men and women. Besides the usual sources—family assistance, personal savings, and summer earnings—a variety of ways to pay college expenses exist. These are scholarships, grants, loans and earnings from part-time work while in school. Recognizing that a college education is expensive, freshmen should consider the total cost of their college education and not just the cost of the initial year. Therefore, if freshmen would expect to need financial assistance to meet total expense, it would be wise for them to apply for this assistance while seniors in high school. Applying for financial assistance as incoming freshmen is beneficial in two ways: (1) It is much easier for an upperclassman to secure a renewal grant/loan than an initial one; (2) There is an early familiarization with the program of financial assistance which would preclude a financial crisis as an upperclassman.

MARIST GRANTS-IN-AID

Marist College has funds available for grants to freshmen with superior high school records and/or significant contributions to the high school from which they have graduated. They must also demonstrate financial need. These grants are automatically renewed each year provided the recipient has maintained the necessary academic index. If you feel that you are qualified for a Marist grant you should note this fact on a sheet attached to your application for admission. A Parents' Confidential Statement must be submitted with your application.

Bache & Co. Foundation Scholarship

One yearly scholarship amounting to \$500 awarded to an outstanding senior. The award is given to Business or Economics majors.

Peter and Virginia Foy Scholarship Fund

The Peter and Virginia Foy Scholarship Fund is an endowment fund to provide financial assistance to needy students.

Leonidoff Scholarship

Funds for the Dr. A. A. Leonidoff Scholarship Fund were donated by Dr. A. A. Leonidoff for boys and girls in Dutchess County who are entering the medical field or allied studies.

McCann Foundation Inc. Scholarship

There are a limited number of scholarships offered each year under this program. The awards are given to students who have financial need and who have attended high school in Dutchess County.

STATE SPONSORED PROGRAMS

1. *SCHOLARSHIPS AND GRANTS*

New York State Regents Scholarships provide from \$250 to \$1,000 per year to many New York residents. Other states, such as New Jersey and Pennsylvania, offer similar awards. Many private scholarships may also be available to you. Ask your high school Guidance Director about this type of aid.

2. *TUITION ASSISTANCE/SCHOLAR INCENTIVE AWARDS*

Most New York State residents will qualify for a Tuition Assistance or Scholar Incentive Award.

1974-75 freshmen will be eligible for Tuition Assistance Awards from \$100 to \$1500 per year, depending upon family income. This program will be phased in on a class-by-class basis, beginning with this year's freshman class.

For 1974-75, sophomores, juniors, and seniors will be eligible for Scholar Incentive Awards from \$100 to \$600 per year, depending upon family income.

The grants must be renewed each year. Your application should be sent to Regents Examination & Scholarship Center, State Education Department, Albany, New York 12204. Applications can be made any time during the academic year but preferably should be made during the summer or early in the fall semester.

3. *HIGHER EDUCATION OPPORTUNITY PROGRAM (HEOP)*

Marist College participates in the New York State Higher Education Opportunity Program. HEOP provides Marist with funds to make grants to students. These grants cover only a portion of the costs of education, and the College must combine funds from a wide variety of sources. A student's financial need is compiled from the Parents' Confidential Statement or the Student's Financial Statement. Both the College Financial Aid officer and the HEOP Assistant Director work on the individual student's yearly financial package.

Students who are eligible for participation in HEOP come from a household with incomes up to a maximum of \$12,000.

U.S. GOVERNMENT SPONSORED PROGRAMS

The U.S. Office of Education supports five programs of student assistance. These programs offer grants (gifts), loans, and part-time work. All are for one year only; they must be renewed each year.

1. *BASIC EDUCATIONAL OPPORTUNITY GRANTS (BEOG)*

In the academic year, 1974-75, any freshman or sophomore (entering college for the first time after April 1, 1973) may apply for a BEOG if enrolling on a full-time basis.

To apply for BEOG, a student must complete an Application for Determination of Basic Grant Eligibility. Copies of the application are available at the high school Guidance Office, at the college Financial Aid Office, and at public libraries.

The completed form is to be sent in accordance with the instructions on the application. Within four weeks the student should receive a notification of eligibility.

Submit the notification to the college. The college will calculate the amount of the BEOG the student is eligible to receive. (The student may submit the notification to more than one school if several schools are being considered by the student).

The amount of the award will be based on the determination of the student's eligibility, the cost of attendance at the college, and a payment schedule issued by the U.S. Office of Education.

The range of awards in this program for 1974-75 will be from \$50 to \$1,050.

2. *FEDERAL PROGRAMS ADMINISTERED BY THE COLLEGE*

(A student must file at the college each year both an application and a financial statement in order to be considered for these programs.)

a. Supplemental Educational Opportunity Grant (SEOG)

Undergraduate students, of exceptional financial need who without the grant would be unable to continue their education, are eligible to apply.

A student's financial need is determined from the Parents' Confidential Statement. Depending on need, the student may receive a grant, no less than \$200 or no more than \$1500.

Marist is assigned SEOG funds by the U.S. Office of Education. The number of students who will receive an SEOG and the size of the grant will depend on the amount of funds assigned by the government. (This program is being phased out in favor of BEOG, described above. Consequently Marist has been receiving less money toward its SEOG program.)

b. National Direct (Defense) Student Loan (NDSL)

Marist has limited NDSL funds from which loans of up to \$1500 may be given to students who qualify financially. Eligibility, that is, a financial need of the student, for such a loan is determined from the Parents' Confidential Statement. These loans bear no interest while the student is in school. Three per cent simple interest is charged after the student graduates and completes a nine month grace period. There are several opportunities for partial or total cancellation of the debt incurred from this loan. (This program is being phased out in favor of the Guaranteed Student Loan, described below. Consequently, Marist has been receiving less money for its NDSL program.)

c. College Work-Study (CWS)

Marist operates a federally sponsored Work-Study program during the school year and during the summer vacation. The size of the CWS program is dependent upon the amount of funds received from the Federal Government. Work-Study jobs are available both on and off the campus. Some jobs require special skills (typing ability is very desirable); other jobs are available which require no special skills. Although freshmen are generally advised not to work during their first semester of college, we do assign work-study jobs to a few freshmen who secure the approval of the Director of Admissions. Financial need is the qualification for participating in this program. Financial need is determined from the Parents' Confidential Statement.

3. *GUARANTEED STUDENT LOAN (GSL)*

The GSL program enables full-time students to borrow directly from a bank, credit union, savings and loan association, or other participating lender who is willing to make educational loans.

The Federal Government guarantees these educational loans, that is, in case of default of payment the Government will reimburse the lender the amount in default.

The benefit of this program to the student is twofold. First, the borrower need not make repayment on the loan while in college. Second, the Federal Government also enables the student to obtain a GSL with interest benefits, that is, no interest is charged while the borrower is in college.

To apply for the interest benefits a student must submit to the lender a recommendation from the college as to the amount the student needs to meet educational expenses. If the student qualifies for interest benefits, the Federal Government will pay the interest until the student must begin repaying the principal.

If a student does not qualify for the interest benefits, the student may still obtain a GSL, if the lending institution is willing. However, the student will have to pay interest on the loan from the time the loan was taken out until it is paid off.

All borrowers must submit an affidavit that the loan will be used only for educational purposes. The affidavit must be signed before a notary or other person authorized to administer oaths.

Generally, the GSL applications provide for all the above provisions. These applications are available from the college and lending institution.

PARENTS' CONFIDENTIAL STATEMENT

The Parents' Confidential Statement of the College Scholarship Service is required for financial aid programs administered by the College. A student's financial need is determined from the data given on this statement. These Statements may be obtained from your high school

Guidance Office, from the College Scholarship Service, at Princeton, or from the Financial Aid Office at Marist. When filled out, the form should be sent directly to the College Scholarship Service, Box 176, Princeton, New Jersey 08504, with a request that a report be sent to Marist. This report and a Marist student aid application must be on file before any requests are considered. Each year some students who qualify financially do not receive aid because earlier applicants have been given all available funds. The application and the Parents' Confidential Statement must be received at Marist by March 1st in order to insure early consideration. At least one month should be allowed for the return of the Parents' Confidential Statement.

INDEPENDENT STUDENTS

The fact that a student is not receiving financial assistance from his/her parents does not necessarily mean that the student has an independent status. A student claiming independence can only be considered for the above three programs: (1) when the student has filed a Student's Financial Statement; (2) when the student signs, has his/her parents sign, and has notarized a certificate of independence. The certificate of independence is an affidavit to the effect that; (1) for the previous college year, the parents (or persons in loco parentis) have provided no financial support to cover the student's cost of education; (2) for such year, the applicant has not been claimed by his parents as a tax exemption for Federal income tax purposes; (3) the student does not presently reside at home with parents or spouse's parents and has not resided with them for a year.

PART-TIME EMPLOYMENT

Marist has a Placement Office through which students are placed in part-time jobs on and off campus. Students interested in part-time work should file an application with the Placement Director and watch the Placement Bulletin Board in lower Donnelly Hall for job openings.

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JOHN TKACH *Sports Information Director*

RICHARD WLOTZE *Assistant Soccer Coach*

WILLIAM AUSTIN *Crew Coach*

LAWRENCE MENAPACE *Assistant Basketball Coach*

MICHAEL FITZGIBBONS *Wrestling Coach*

JEROME REMINICKY *Sailing Coach*

WILLIAM LENEHAN *Assistant Crew Coach*

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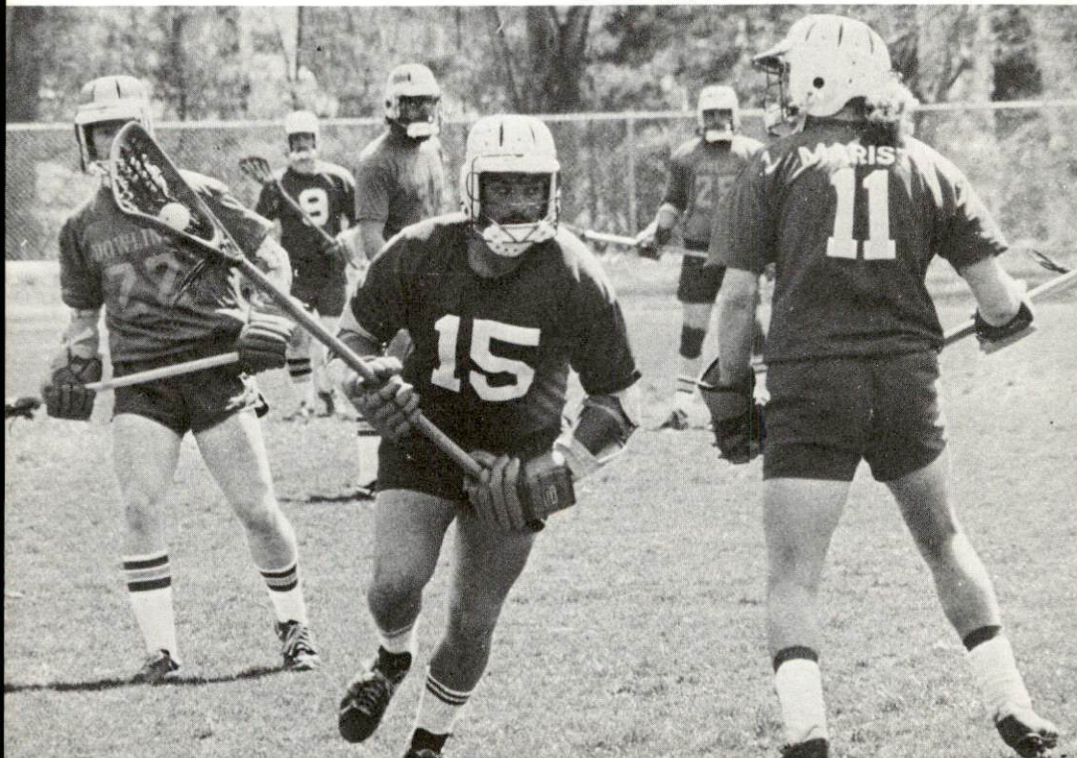
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M.A., St. John's University
M.A., Middlebury College
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M.S., University of New Hampshire

MAURICE BIBEAU

Assistant Professor of Spanish

B.A., Marist College
M.A., St. John's University

SIGRID BRANDIS

Lecturer in German

Diploma, Pädagogische Hochschule

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READMISSION: the Associate Dean for Student Academic Affairs.

SCHOLARSHIPS and LOAN FUNDS for students in college: the Director of Placement and Financial Aid.

PAYMENT of college bills: the Business Manager.

ACADEMIC WORK of students: the departmental chairman or Associate Dean for Student Academic Affairs.

Requests for TRANSCRIPTS, forms for withdrawal from individual courses: the Assistant Registrar.

Requirements for GRADUATION: the Registrar.

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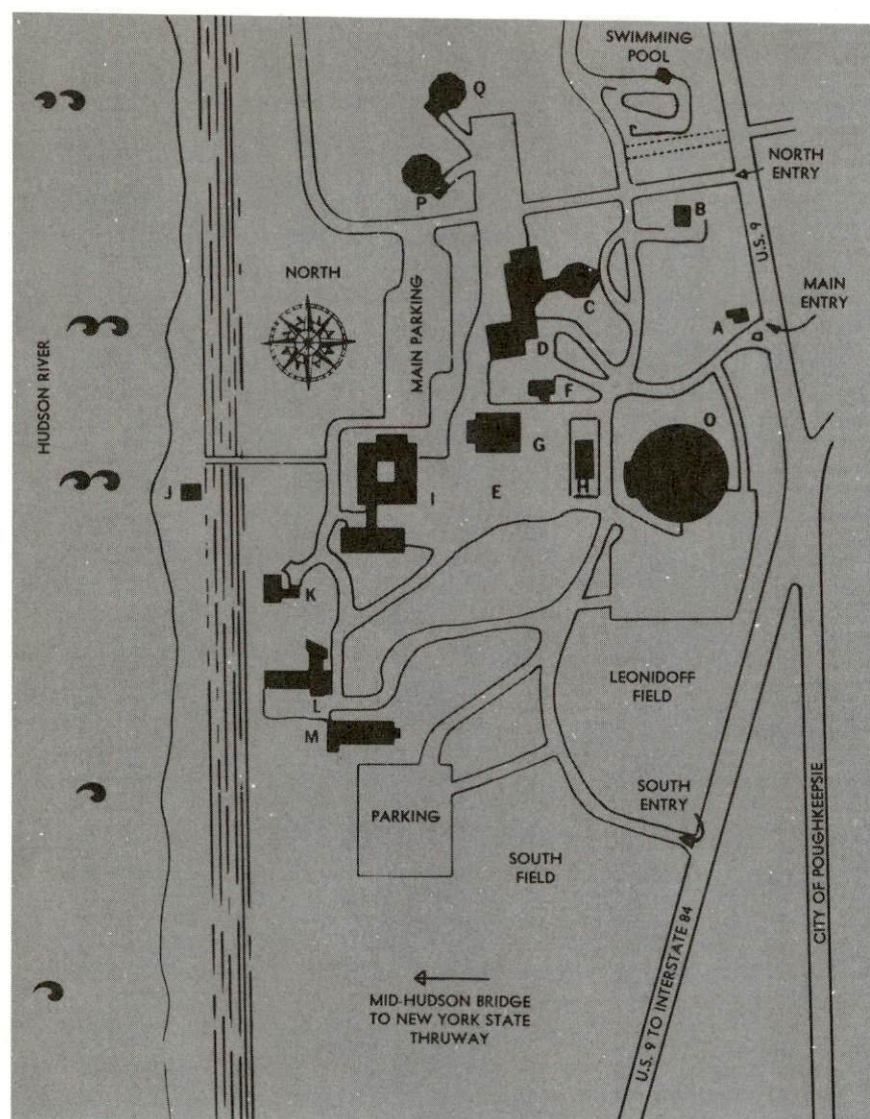
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